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The Society of the
Plastics Industry, Inc.

Monthly Statistical Report-Resins

SPI

1275 K Street, N.W., #400
Washington, D.C. 20005
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FOR THE MONTH AND PERIOD ENDED
SEPTEMBER 30, 1990

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING & THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

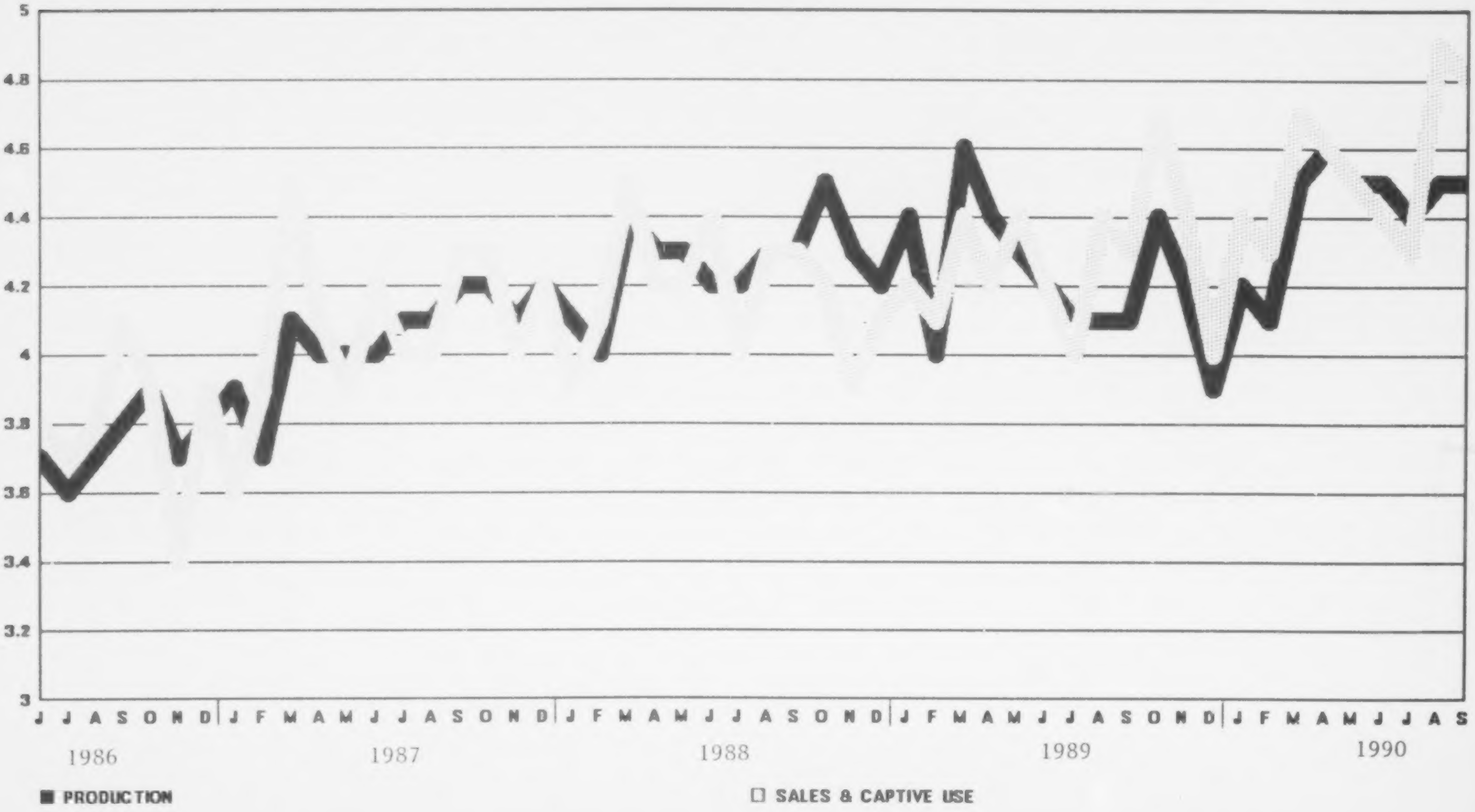
Release Date: November 14, 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(BILLIONS OF POUNDS)

SEPTEMBER 1990



THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

MONTHLY STATISTICAL REPORT

(Thousands of pounds, dry weight basis)(1)

SEPTEMBER 1990

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
EPOXY RESIN, TOTAL	39,511	37,989	4.0	355,852	370,922	-4.1	43,318	35,467	22.1	386,200	394,589	-2.1
POLYESTER (UNSATURATED) RESINS, TOTAL	97,448	101,107	-3.6	960,028 R	1,010,623	-5.0	98,257	104,813	-6.3	970,697 R	1,018,962	-4.7
UREA RESINS, TOTAL	122,658	132,904	-7.7	1,113,146 R	1,082,914	2.8	131,618	134,181	-1.9	1,156,717 R	1,089,038	6.2
MELAMINE RESINS, TOTAL	13,660	19,007	-28.1	132,360 R	163,203	-18.9	17,035	18,953	-10.1	151,184	169,061	-10.6
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	251,181	228,215	10.1	2,251,095	2,154,754	4.5	256,741	228,935	12.1	2,269,033	2,166,833	4.7
THERMOSETTING RESINS, TOTAL	**524,458**	**519,222**	**1.0**	**4,812,481 R**	**4,782,416**	**0.6**	**546,969**	**522,349**	**4.7**	**4,933,831 R**	**4,838,483**	**2.0**
LOW-DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	636,751	593,153	7.4	5,344,870	5,081,776	5.2	607,951	526,909	15.4	5,416,883	4,936,462	9.7
LINEAR-LOW DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	451,841	335,524	34.7	3,494,617 R	2,752,310	27.0	338,716	303,829	11.5	2,811,620 R	2,289,336	22.8
HIGH-DENSITY POLYETHYLENE (ABOVE 0.940), TOTAL	748,076	718,398	4.1	6,320,224	6,040,444	4.6	678,481	652,759	3.9	6,099,350 R	6,144,809	-0.7
POLYPROPYLENE, TOTAL	736,065	592,796	24.2	6,186,180	5,417,504	14.2	691,306	570,646	21.1	6,165,277	5,427,842	13.6
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	105,798	96,941	9.1	901,276 R	935,788	-3.7	93,039	85,463	8.9	874,496 R	999,618	-12.5
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	11,497	8,076	42.4	102,575	82,751	24.0	11,463	6,742	70.0	99,602	88,786	12.2
POLYSTYRENE RESINS, TOTAL	459,430	412,063	11.5	3,949,513	3,890,446	1.5	453,653	393,089	15.4	3,808,548	3,858,761	-1.3
STYRENE BASED LATEXES, TOTAL ***	87,326	88,141	-0.9	820,193	777,862	5.4	86,346	84,166	2.6	776,807 R	742,822	4.6
OTHER STYRENICS, TOTAL (40% or More Styrene)	11,626	12,718	-8.6	114,974	116,705	-1.5	10,792	10,650	1.3	106,719	106,960	-0.2
NYLON RESINS (6)	52,835	44,441	18.9	435,539 R	437,670	-0.5	47,033	42,137	11.6	430,937 R	432,284	-0.3
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	790,095	740,253	6.7	6,937,772	6,373,000	8.9	775,181	726,170	6.7	6,818,684	6,400,777	6.5
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)	N/A	N/A		N/A	N/A		N/A	N/A		N/A	N/A	
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
OTHER VINYL RESINS (4)	14,353	15,210	-5.6	142,333	149,755	-5.0	18,739	16,472	13.8	164,530 R	166,514	-1.2
THERMOPLASTIC POLYESTER, TOTAL (6)	171,741	136,239	26.1	1,418,271	1,268,701	11.8	160,911	130,983	22.8	1,401,123	1,209,862	15.8
THERMOPLASTIC RESINS, TOTAL	**4,277,434**	**3,793,953**	**12.7**	**36,168,337 R**	**33,324,712**	**8.5**	**3,973,611**	**3,550,015**	**11.9**	**34,974,576 R**	**32,804,833**	**6.6**
GRAND TOTAL	**4,801,892**	**4,313,175**	**11.3**	**40,980,818 R**	**38,107,128**	**7.5**	**4,520,580**	**4,072,364**	**11.0**	**39,908,407 R**	**37,643,316**	**6.0**

(1) = Except phenolic resins which are reported on a gross weight basis.

*** = Sales and Captive Use figures include some Canadian produced materials.

(2) = The publishing of PVAC has been suspended.

D = Disclosure

N/A = Not Available

(3) = The publishing of PVOH data has been suspended.

(4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

(6) = Data Includes Sales from Imports.

R = Revision

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
EPOXY RESIN, TOTAL	39,511	37,989	4.0	355,852	370,922	-4.1	43,318	35,467	22.1	386,200	394,589	-2.1
Exports, Total	6,252	5,578	12.1	53,991	67,523	-20.0						
Captive Use, Total	1,281	1,696	-24.5	12,356	13,553	-8.8						
Domestic Sales, Total	31,978	30,715	4.1	289,505	289,846	-0.1						
Domestic Sales & Captive Use,Total	33,259	32,411	2.6	301,861	303,399	-0.5						
Bonding & Adhesives	2,644	1,937	36.5	21,405	18,958	12.9						
Flooring, Paving & Exposed Aggregate	2,474	2,202	12.4	20,232	18,657	8.4						
Protective Coatings	16,287	15,637	4.2	149,678	146,222	2.4						
Fiber Reinforced Laminates & Composites	6,184	6,331	-2.3	61,584	64,650	-4.7						
FRL&C for Printed Wiring Board	3,787	4,095	-7.5	40,363	44,622	-9.5						
All Other FRL&C	2,397	2,236	7.2	21,221	20,028	6.0						
Tooling, Casting & Molded Resins	2,533	2,552	-0.7	21,252	23,236	-8.5						
All Other Uses	3,137	3,752	-16.4	27,710	31,676	-12.5						
POLYESTER (UNSATURATED) RESINS, TOTAL (E)	97,448	101,107	-3.6	960,028 R	1,010,623	-5.0	98,257	104,813	-6.3	970,697 R	1,018,962	-4.7
Total Exports	1,724	1,706	1.1	16,296 R	19,407	-16.0						
Total Domestic	95,724	99,401	-3.7	943,732 R	991,216	-4.8						
General Purpose Resins, Total	80,211	86,403	-7.2	810,682 R	855,627	-5.3						
General Purpose - Thixotropic	29,784	37,436	-20.4	310,897 R	380,149	-18.2						
General Purpose - Press Molding	11,523	10,337	11.5	108,818 R	98,449	10.5						
General Purpose - Panel	5,622	N/A		63,437	N/A							
General Purpose - All Other	33,282	38,630	-13.8	327,530 R	377,029	-13.1						
Flame Retardant Resins	2,300	1,977	16.3	18,343 R	17,947	2.2						
Chemical Resistant Resins, Total	13,213	11,021	19.9	114,707 R	117,642	-2.5						
Chemical Resistant Isophthalic Resins	9,158	7,866	16.4	80,730 R	88,815	-9.1						
All Other Chemical Resistant Resins	4,055	3,155	28.5	33,977 R	28,827	17.9						
Reinforced Plastic, Total	70,123	73,057	-4.0	696,319 R	742,143	-6.2						
Non-Reinforced Plastics, Total	25,601	26,344	-2.8	247,413 R	249,073	-0.7						

(E) = Estimate - Data includes estimates for one company.

N/A = Not Available
R = Revision

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)(1)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
UREA RESINS, TOTAL	122,658	132,904	-7.7	1,113,146 R	1,082,914	2.8	131,618	134,181	-1.9	1,156,717 R	1,089,038	6.2
MELAMINE RESINS, TOTAL	13,660	19,007	-28.1	132,360 R	163,203	-18.9	17,035	18,953	-10.1	151,184	169,061	-10.6
UREA & MELAMINE RESINS, TOTAL	136,318	151,911	-10.3	1,245,506 R	1,246,117	0.0	148,653	153,134	-2.9	1,307,901 R	1,258,099	4.0
Total Exports	D1	D1		D1	D1							
Total Domestic	136,318	151,911	-10.3	1,245,506 R	1,246,117	0.0						
Textile Coating & Treating Resins	1,905	2,127	-10.4	18,887 R	18,997	-0.6	4,286	3,527	21.5	34,544 R	23,718	45.6
Paper Coating & Treating Resins	5,495	7,020	-21.7	44,453 R	47,003	-5.4	5,649	6,565	-14.0	45,866	48,496	-5.4
Molding Compounds	D2	D2		D2	D2		D2	D2		D2	D2	
Bonding & Adhesive Resins for:	107,518	119,804	-10.3	975,868 R	1,001,415	-2.6	112,509	119,308	-5.7	1,014,880	995,683	1.9
Laminating	1,218	5,580	-78.2	14,864 R	58,969	-74.8	1,282	4,860	-73.6	15,479	50,382	-69.3
Plywood	5,598	5,860	-4.5	45,131 R	51,703	-12.7	5,720	6,320	-9.5	45,617	53,325	-14.5
Fibrous & Granulated Wood (Particle Board)	100,702	108,364	-7.1	915,873 R	890,743	2.8	105,507	108,128	-2.4	953,784	891,976	6.9
Protective Coatings (Straight & Modified)	8,100	8,739	-7.3	78,609 R	82,806	-5.1	11,459	10,865	5.5	101,859	103,845	-1.9
All Other Uses	13,300	14,221	-6.5	127,689 R	95,896	33.2	14,750	12,869	14.6	110,752	86,357	28.2
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	251,181	228,215	10.1	2,251,095	2,154,754	4.5	256,741	228,935	12.1	2,269,033	2,166,833	4.7
Total Exports	2,066	1,352	52.8	18,408	13,447	36.9						
Total Domestic	249,115	226,863	9.8	2,232,687	2,141,307	4.3						
Molding Compounds	13,973	14,679	-4.8	128,247	135,316	-5.2	14,380	16,224	-11.4	141,199	144,865	-2.5
Bonding & Adhesive Resins for:	230,453	208,452	10.6	2,074,181	1,974,747	5.0	233,028	209,298	11.3	2,092,674	1,988,351	5.2
Laminating	14,669	16,149	-9.2	130,952	164,597	-20.4	14,785	16,416	-9.9	131,417	168,525	-22.0
Coated & Bonded Abrasives	1,932	1,560	23.8	20,265	19,396	4.5	1,678	1,563	7.4	19,788	20,949	-5.5
Friction Materials	4,130	2,323	77.8	35,698	29,178	22.3	4,103	2,194	87.0	36,610	29,554	23.9
Insulation Materials	34,991	31,783	10.1	308,920	317,058	-2.6	34,360	31,752	8.2	318,635	321,485	-0.9
Foundry & Shell Molding	7,358	7,021	4.8	59,946	38,004	57.7	7,332	6,977	5.1	59,893	38,565	55.3
Plywood	D3	119,706		D3	1,105,665		D3	120,353		D3	1,106,033	
Fibrous and Granulated Wood	D3	D3		D3	D3		D3	D3		D3	D3	
Resins Sold to Rubber Industry	D3	927		D3	11,032		D3	1,256		D3	11,502	
All Other	167,373	28,983	N/C	1,518,400	289,817	N/C	170,770	28,787	N/C	1,526,331	291,738	N/C
Protective Coatings - Unmodified & Modified	D2	1,061		D2	9,943		D2	1,073		D2	9,642	
Resins Sold to Rubber Ind. - Non Adhesive Uses	D2	D2		D2	D2		D2	D2		D2	D2	
All Other Uses	4,689	2,671	N/C	30,259	21,301	N/C	9,333	2,340	N/C	35,160	23,975	N/C

D1 = Disclosure: Included in Domestic, Total and All Other Uses.
D2 = Disclosure: Included in All Other Uses.
D3 = Disclosure: Included in All Other Bonding & Adhesive Resins.

(1) = Phenolic is on a Gross Weight Basis.
N/C = Not Comparable.
R = Revision.

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
LOW DENSITY POLYETHYLENE - 0.940 & BELOW, TOTAL (6)	636,751	593,153	7.4	5,344,870	5,081,776	5.2	627,628	537,590	16.7	5,559,126	5,016,122	10.8
Imports, Total							19,677	10,681	84.2	142,243	79,660	78.6
Exports, Total	77,844	81,510	-4.5	625,798	671,008	-6.7						
Domestic, Total	558,907	511,643	9.2	4,719,072	4,410,768	7.0	607,951	526,909	15.4	5,416,883	4,936,462	9.7
Film (12 Mils & Below)	341,185	301,358	13.2	2,787,598	2,515,709	10.8						
Packaging Film	234,981	206,498	13.8	1,901,796	1,709,896	11.2						
Food Packaging Film	106,389	98,545	8.0	882,749 R	817,460	8.0						
Non-Food Packaging Film	104,085	87,479	19.0	804,883 R	716,971	12.3						
Shrink Film	14,522	D10		119,434	D10							
Stretch Film	9,985	20,474	N/C	94,730	175,465	N/C						
Non-Packaging Film	106,204	94,860	12.0	885,802	805,813	9.9						
Carry-Out Bags	16,824	7,413	127.0	105,540	85,221	23.8						
Trash and Can Liners	34,937	35,013	-0.2	279,727	284,167	-1.6						
Other Non-Packaging Film	54,443	52,434	3.8	500,535	436,425	14.7						
Sheet (Over 12 Mils)	6,151	4,228	45.5	54,886	63,391	-13.4						
Injection Molding	33,924	35,733	-5.1	282,935	301,604	-6.2						
Injection Molded Lids	7,554	4,222	78.9	60,962	38,790	57.2						
Injection Molded Housewares	4,352	3,684	18.1	36,829	38,852	-5.2						
Other Injection Molding	22,018	27,827	-20.9	185,144	223,962	-17.3						
Wire and Cable	15,942	D5		195,008	D5							
Extrusion Coating	66,566	D5		572,460	D5							
Blow Molding	4,802	4,410	8.9	46,178	47,369	-2.5						
Pipe and Conduit, Total	D5	D5		D5	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	8,656	88,424	N/C	69,321	792,503	N/C						
Rotomolding	D2	D2		D2	D2							
Resellers & Compounders, Total	50,919	41,648	22.3	432,525	404,389	7.0						
Resellers	36,001	31,696	13.6	302,923	311,704	-2.8						
Compounders	14,918	9,952	49.9	129,602	92,685	39.8						
Adhesives and Sealants	9,626	D2		81,443	D2							
All Other Uses	21,136	35,842	N/C	196,718	285,803	N/C						

D2 = Disclosure: Included in All Other Uses.

D5 = Disclosure: Included in Other Extruded Products.

R = Revision

D10 = Disclosure: Included in Stretch Film.

(6) = Sales Include Imports.

D = Disclosure

N/C = Not Comparable

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	SEPTEMBER			*YEAR-TO-DATE*			*SEPTEMBER*			*YEAR-TO-DATE*		
	1990	*1989*	*% CHG*	*1990*	*1989*	*%CHG*	*1990*	*1989*	*% CHG*	*1990*	*1989*	*% CHG*
LINEAR LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	451,841	335,524	34.7	3,494,617 R	2,752,310	27.0	423,857	361,615	17.2	3,462,620 R	2,773,912	24.8
Imports, Total							85,141	57,786	47.3	651,000 R	484,576	34.3
Exports, Total	21,600	15,807	36.6	172,675 R	115,729	49.2						
Domestic, Total	430,241	319,717	34.6	3,321,942 R	2,636,581	26.0	338,716	303,829	11.5	2,811,620 R	2,289,336	22.8
Film (12 Mils & Below)	285,762	205,089	39.3	2,178,166 R	1,680,658	29.6						
Packaging Film	120,116	93,641	28.3	942,638 R	774,538	21.7						
Food Packaging Film	21,010	16,324	28.7	165,235 R	139,327	18.6						
Non-Food Packaging Film	70,071	53,409	31.2	527,349 R	437,259	20.6						
Shrink Film	D10	D10		D10	D10							
Stretch Film	29,035	23,908	21.4	250,054	197,952	26.3						
Non-Packaging Film	165,646	111,446	48.6	1,235,528 R	906,120	36.4						
Carry-Out Bags	21,373	16,915	26.4	183,943	141,561	29.9						
Trash and Can Liners	108,265	78,761	37.5	810,558 R	616,377	31.5						
Other Non-Packaging Film	36,008	15,772	128.3	241,027 R	148,182	62.7						
Sheet (Over 12 Mils)	2,524	2,767	-8.8	14,154	23,309	-39.3						
Injection Molding	56,821	42,174	34.7	409,940 R	322,947	26.9						
Injection Molded Lids	15,658	18,447	-15.1	138,813 R	153,104	-9.3						
Injection Molded Housewares	26,138	16,709	56.4	176,493	116,430	51.6						
Other Injection Molding	15,025	7,018	114.1	94,634 R	53,413	77.2						
Wire and Cable	10,192	D5		106,993	D5							
Extrusion Coating	D5	D5		D5	D5							
Blow Molding	1,525	1,390	9.7	21,036	13,513	55.7						
Pipe and Conduit, Total	3,931	D5		44,131	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	2,439	15,629	N/C	24,046 R	176,744	N/C						
Rotomolding	28,161	D2		244,287 R	D2							
Resellers & Compounders, Total	22,373	14,662	52.6	181,585 R	140,659	29.1						
Resellers	11,344	10,695	6.1	88,284	99,639	-11.4						
Compounders	11,029	3,967	178.0	93,301 R	41,020	127.5						
Adhesives and Sealants	D2	D2		D2	D2							
All Other Uses	16,513	38,006	N/C	97,604 R	278,751	N/C						

D2 = Disclosure: Included in All Other Uses.
D5 = Disclosure: Included in Other Extruded Products.
D10 = Disclosure: Shrink Film is Included in Stretch Film.

(6) = Sales Include Imports.

D = Disclosure
N/C = Not Comparable
R = Revision

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
HIGH DENSITY POLYETHYLENE - ABOVE 0.940 TOTAL	748,076	718,398	4.1	6,320,224	6,040,444	4.6	678,481	652,759	3.9	6,099,350 R	6,144,809	-0.7
Exports, Total	51,286	113,794	-54.9	501,685	679,923	-26.2						
Domestic, Total	696,790	604,604	15.2	5,818,539	5,360,521	8.5						
Film (12 Mils & Below)	84,399	69,926	20.7	670,164 R	583,230	14.9						
Packaging Film	23,786	16,653	42.8	183,855 R	146,593	25.4						
Food Packaging Film	18,182	12,166	49.4	128,577 R	101,923	26.2						
Non-Food Packaging Film	5,604	4,487	24.9	55,278 R	44,670	23.7						
Non-Packaging Film	60,613	53,273	13.8	486,309 R	436,637	11.4						
Retail Bags	45,139	26,704 F	N/C	359,210 R	218,745 F	N/C						
Grocery Sacks & T-Shirt Bags	13,012	N/A		174,540 R	N/A							
All Other Retail Bags	11,499	N/A		56,692 R	N/A							
Trash Bags/Can Liners	20,628	D9		127,978	D9							
All Other Non-Packaging Film	15,474	26,569	N/C	127,099 R	217,892	N/C						
Sheet (Over 12 Mils)	30,227	27,329	10.6	291,148	235,421	23.7						
Injection Molding, Total	141,821	117,515	20.7	1,183,992	1,065,445	11.1						
Pails (5 gallons or less)	35,049	37,051	-5.4	329,702	322,406	2.3						
Housewares	12,563	8,858	41.8	82,615	82,666	-0.1						
Food Tubs/Containers & Drink Cups	29,009	19,810	46.4	236,352	185,348	27.5						
Crates and Totes	20,897	15,319	36.4	155,860	126,313	23.4						
Toys/Novelties/Sporting Goods	4,499	N/A		44,871	N/A							
Caps and Closures	9,344	N/A		81,599	N/A							
All Other Injection Molding	30,460	36,477	N/C	252,993	348,712	N/C						
Wire and Cable	12,145	11,788	3.0	128,862	118,014	9.2						
Blow Molding, Total	260,901	235,899	10.6	2,157,735 R	2,161,988	-0.2						
Motor Oil Bottles	21,542	16,240	32.6	169,416	146,032	16.0						
Liquid Food Bottles	76,800	72,558	5.8	711,172	672,481	5.8						
Household Chemical Bottles	91,050	74,951	21.5	683,484	664,214	2.9						
Industrial Drums	13,435	20,642 G	N/C	101,047	194,461 G	N/C						
Gas Tanks, All Uses	3,668	N/A		26,517	N/A							
Pharm., Cosmetics, & Toiletries	20,008	N/A		168,961 R	N/A							
All Other Blow Molding	34,398	51,508	N/C	297,138	484,800	N/C						
Pipe and Conduit, Total	50,834	41,600	22.2	419,479 R	367,610	14.1						
Corrugated	11,000	8,143	35.1	78,621	68,902	14.1						
Non-Corrugated	39,834	33,457	19.1	340,858 R	298,708	14.1						
Gas Distribution	10,561	N/A		108,447 R	N/A							
Water	D11	N/A		D11	N/A							
Industrial/Sewer	D11	N/A		D11	N/A							
All Other Non-Corrugated Pipe	29,273	N/A		232,411 R	N/A							
Other Extruded Products	6,586	3,435	91.7	65,809 R	50,610	30.0						
Rotomolding	6,320	5,625	12.4	54,417	52,009	4.6						
Reseller & Compounders, Total	76,253	68,230	11.8	622,405	523,947	18.8						
Resellers	70,243	61,163	14.8	581,191	476,024	22.1						
Compounders	6,010	7,067	-15.0	41,214	47,923	-14.0						
All Other HDPE	27,304	23,257	17.4	224,528 R	202,247	11.0						

D9 = Disclosure: Included in Other Non-Packaging Film.
D11 = Disclosure: Included in All Other Non-Corrugated Pipe.
N/C = Not Comparable.

N/A = Not Available
R = Revision

F = Reported as Carry Out Bags in 1989.
G = Reported as Large Containers in 1989.

Compiled By Ernst & Young, Washington DC, for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
POLYPROPYLENE, TOTAL	736,065	592,796	24.2	6,186,180	5,417,504	14.2	691,306	570,646	21.1	6,165,277	5,427,842	13.6
Exports, Total	146,794	66,995	119.1	1,151,138 R	814,689	41.3						
Domestic, Total	589,271	525,801	12.1	5,035,042 R	4,602,815	9.4						
Injection Molding, Total	165,222	149,884	10.2	1,474,097	1,355,808	8.7						
Appliances	13,194	15,101	-12.6	134,829	122,818	9.8						
Consumer Products	57,852	46,973	23.2	488,765	421,577	15.9						
Rigid Packaging	52,547	47,753	10.0	493,430	461,353	7.0						
Transportation	27,344	23,128	18.2	224,134	207,860	7.8						
All Other Injection Molding	14,285	16,929	-15.6	132,939	142,200	-6.5						
Blow Molding	11,471	11,252	1.9	112,149	94,304	18.9						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below), Total	48,488	47,845	1.3	445,658	449,185	-0.8						
Oriented Film	39,708	37,727	5.3	361,376	347,256	4.1						
Non-Oriented Film	8,780	10,118	-13.2	84,282	101,929	-17.3						
Sheet (Over 10 Mils), Total	12,005	10,179	17.9	101,553	94,994	6.9						
Packaging	D	N/A		D	N/A							
Non-Packaging	D	N/A		D	N/A							
Extrusion Coating	1,228	D5		15,723	D5							
Wire and Cable	D5	D5		D5	D5							
Fiber and Filaments, Total	185,146	172,467	7.4	1,593,717	1,496,433	6.5						
Textile Applications	175,144	162,616	7.7	1,502,516	1,420,016	5.8						
Nonwovens	52,464	46,681	12.4	448,801	377,913	18.8						
Monofilament & Multifilament Fibers	57,624	49,718	15.9	526,571	618,433	-14.9						
Slit Film Fibers	65,056	66,217	-1.8	527,144	423,670	24.4						
Non-Textile Monofilaments	10,002	9,851	1.5	91,201	76,417	19.3						
Pipe and Conduit	D5	D5		D5	D5							
Other Extruded Products	11,842	7,893	N/C	94,750	72,822	N/C						
Resellers/Distributors/Compounders, Total	139,677	120,366	16.0	1,133,411	986,161	14.9						
Resellers	45,815	74,508 C	N/C	413,409	666,609 C	N/C						
Distributors	44,173	N/A		306,232	N/A							
Compounders	49,689	45,858	8.4	413,770	319,552	29.5						
All Other Uses	14,192	5,915	139.9	63,984 R	53,108	20.5						

D5 = Disclosure: Included in Other Extruded Products.
D = Disclosure
C = Reported as Resellers and Distributors in 1989.

N/C = Not Comparable
N/A = Not Available
R = Revision

Compiled By Ernst & Young, Washington DC, for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	SEPTEMBER			*YEAR-TO-DATE*			*SEPTEMBER*			*YEAR-TO-DATE*		
	1990	*1989*	*% CHG*	*1990*	*1989*	*%CHG*	*1990*	*1989*	*% CHG*	*1990*	*1989*	*% CHG*
POLYSTYRENE RESINS, TOTAL	459,430	412,063	11.5	3,949,513	3,890,446	1.5	453,653	393,089	15.4	3,808,548	3,858,761	-1.3
Crystal (Solid) Polystyrene	237,303	220,199 A	N/C	2,110,583	2,089,131 A	N/C	182,685	223,329 A	N/C	1,502,018	2,106,957 A	N/C
Rubber Modified Polystyrene	222,127	191,864	15.8	1,838,930	1,801,315	2.1	203,462	169,760	19.9	1,762,245	1,751,804	0.6
Expandable Polystyrene	D13			D13			67,506			544,285		
Exports, Total	18,444	20,501	-10.0	140,555	163,094	-13.8						
Crystal (Solid) Polystyrene	10,647	10,396 A	N/C	80,875	88,926 A	N/C						
Rubber Modified Polystyrene	7,797	10,105	-22.8	59,680	74,168	-19.5						
Expandable Polystyrene	D13			D13								
Domestic, Total	440,986	391,562	12.6	3,808,958	3,727,352	2.2						
Molding	163,380	167,008	-2.2	1,337,530	1,526,750	-12.4						
Extrusion	209,679	162,146	29.3	1,849,214	1,573,719	17.5						
Expandable Polystyrene	54,610	50,243	8.7	513,164	510,211	0.6						
Block	21,733	22,248	-2.3	199,131	196,807	1.2						
Shape	12,717	12,147	4.7	114,211	110,066	3.8						
Loose Fill	D6	D6		D6	D6							
Other EPS	20,160	15,848	27.2	199,822	203,338	-1.7						
All Other Uses	13,317	12,165	9.5	109,050	116,672	-6.5						
Polystyrene End-Uses, Total	440,986	391,562	12.6	3,808,958	3,727,352	2.2						
Packaging & One Time Use	169,558	146,482 B	15.8	1,484,605	1,444,570 B	2.8						
Consumer & Institutional Products	48,178	50,611	-4.8	405,499	537,677	-24.6						
Electrical/Electronics	62,833	54,156	16.0	520,604	473,080	10.0						
Furniture,Furnishings,Bldg. & Construction	31,077	21,330	45.7	248,486	229,955	8.1						
Expandable Polystyrene	54,610	50,243	8.7	513,164	510,211	0.6						
Resellers and Compounders	60,851	46,650	30.4	477,774	397,216	20.3						
All Other End-Uses	13,879	22,090	-37.2	158,826	134,643	18.0						

D6 = Disclosure: Included in Other EPS
D13 = Included in Crystal(Solid) Polystyrene
A = Reported as Straight Polystyrene in 1989.
B = Consists of Packaging & Disposable Food Serviceware lines reported in 1989.

N/C = Not Comparable
D = Disclosure

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RESIN	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
ABS (ACRYLONITRILE–BUTADIENE–STYRENE), TOTAL	105,798	96,941	9.1	901,276 R	935,788	-3.7	93,039	85,463	8.9	874,496 R	999,618	-12.5
SAN (STYRENE–ACRYLONITRILE), TOTAL	11,497	8,076	42.4	102,575	82,751	24.0	11,463	6,742	70.0	99,602	88,786	12.2
Total Exports	3,266	3,334	-2.0	37,337	27,297	36.8						
Total Domestic	8,231	4,742	73.6	65,238	55,454	17.6						
OTHER STYRENICS (40% OR MORE STYRENE), TOTAL	11,626	12,718	-8.6	114,974	116,705	-1.5	10,792	10,650	1.3	106,719	106,960	-0.2
ABS, SAN, & OTHER STYRENICS, TOTAL	128,921	117,735	9.5	1,118,825 R	1,135,244	-1.4	115,294	102,855	12.1	1,080,817 R	1,195,364	-9.6
Total Exports	19,840	N.R. 1		173,818	N.R. 1							
Total Domestic	109,081	117,735	-7.4	945,007 R	1,135,244	-16.8						
Electrical/Electronics	D2	N.R. 2		D2	N.R. 2							
Building & Construction	13,965	9,543	46.3	104,157 R	112,529	-7.4						
Transportation	30,353	32,649	-7.0	287,847 R	294,063	-2.1						
Consumer & Institutional	14,970	N.R. 2		135,874	N.R. 2							
All Other Uses	49,793	75,543	N/C	417,129 R	728,652	N/C						
*STYRENE BASED LATEXES, TOTAL**	87,326	88,141	-0.9	820,193	777,862	5.4	86,346	84,166	2.6	776,807 R	742,822	4.6
Carpet Backing	31,975	30,017	6.5	302,496 R	285,343	6.0						
All Other Uses	55,351	58,124 J	-4.8	517,697 R	492,519 J	5.1						
NYLON RESINS, TOTAL(6)	52,835	44,441	18.9	435,539 R	437,670	-0.5	N/A	N/A		N/A	N/A	
Imports, Total							N/A	N/A		N/A	N/A	
Exports, Total	8,559	5,750	48.9	57,941 R	57,995	-0.1						
Domestic, Total	44,276	38,691	14.4	377,598 R	379,675	-0.5	47,033	42,137	11.6	430,937 R	432,284	-0.3
Injection Molding Grade	26,964	24,420	10.4	222,856	227,564	-2.1						
Extrusion Grade	12,806	10,941	17.0	119,278	111,718	6.8						
Resellers & Compounders	3,720	2,543	46.3	27,584	28,965	-4.8						
All Other Uses	786	787	-0.1	7,880 R	11,428	-31.0						
Nylon End-Uses, Total	44,276	38,691	14.4	377,598 R	379,675	-0.5						
Automotive and Truck	15,154	N/A		127,800	N/A							
Electrical and Electronic	5,542	N/A		45,847	N/A							
Appliances	1,382	N/A		10,904	N/A							
Film and Coating	6,638	N/A		58,608	N/A							
Wire and Cable	2,921	N/A		25,920	N/A							
Monofilament	1,609	N/A		16,349	N/A							
Consumer	2,075	N/A		16,228	N/A							
Industrial/Machinery	3,639	N/A		33,497	N/A							
All Other End-Uses	5,316	N/A		42,445 R	N/A							

N.R.1 – Not Reported; Included in Total Domestic and All Other Uses.
N.R.2 – Not Reported; Included in All Other Uses.
* – Styrene Based Latexes Sales include some Canadian produced material.
J = Consists of All Other Uses, Paper Treating, and Textile Treating Lines reported in 1989.
N/C – Not Comparable.

R = Revision
N/A = Not Available
(6) – Includes sales from imports.
D2 = Disclosure: Included in All Other Uses.

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MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (DRY RESIN CONTENT) (E)	790,095	740,253	6.7	6,937,772	6,373,000	8.9	775,181	726,170	6.7	6,818,684	6,400,777	6.5
Homopolymer Resins, Including Blending & Latex	725,703	672,630	7.9	6,412,760	5,829,369	10.0	707,455	666,858	6.1	6,277,595	5,863,812	7.1
Copolymer Resins, Including Blending & Latex	19,678	20,272	-2.9	150,659	165,395	-8.9	23,665	14,183	66.9	154,748	156,937	-1.4
Dispersion Resins	44,714	47,351	-5.6	374,353	378,236	-1.0	44,061	45,129	-2.4	386,341	380,028	1.7
Exports, Total	70,570	89,182	-20.9	677,969 R	585,272	15.8						
Domestic, Total	719,525	651,071	10.5	6,259,803 R	5,787,728	8.2						
Calendering, Total	96,036	85,874	11.8	771,645 R	691,568	11.6						
Flooring	19,769	20,613	-4.1	164,310 R	161,813	1.5						
Textile	8,737	11,477	-23.9	80,213 R	93,533	-14.2						
All Other Calendering Uses	67,530	53,784	25.6	527,122 R	436,222	20.8						
Coating, Total	28,391	30,163	-5.9	254,626 R	273,546	-6.9						
Flooring	13,047	13,116	-0.5	110,288 R	114,698	-3.8						
Textile and Paper Coating	8,606	8,106	6.2	73,167 R	79,965	-8.5						
Protective Coatings	3,730	4,205	-11.3	37,105 R	38,749	-4.2						
Adhesives & All Other Coating Uses	3,008	4,736	-36.5	34,066 R	40,134	-15.1						
Extrusion, Total	487,072	434,412	12.1	4,282,557 R	3,897,393	9.9						
Wire and Cable	33,496	33,726	-0.7	286,358	293,218	-2.3						
Film and Sheet, Packaging	23,128	28,543	-19.0	227,889 R	244,479	-6.8						
Film and Sheet, Non-Packaging	4,572	4,461	2.5	33,293	40,142	-17.1						
Siding, Siding Acc. & Moble Home Skirting	74,409	68,007	9.4	646,015 R	584,240	10.6						
Rigid Pipe and Tubing (except fittings)	302,799	249,505	21.4	2,640,013 R	2,319,600	13.8						
All Other Extrusion Uses	48,668	50,170	-3.0	448,989 R	415,714	8.0						
Molding, Total	38,491	42,543	-9.5	384,762 R	394,248	-2.4						
Bottles	16,394	17,743	-7.6	167,976	162,568	3.3						
Fittings (Rigid Pipe and Tubing)	13,611	12,636	7.7	125,842 R	115,900	8.6						
All Other Molding Uses	8,486	12,164	-30.2	90,944 R	115,780	-21.5						
Paste Processes (except coating), Total	16,190	14,171	14.2	140,246 R	133,387	5.1						
Plastisol Formulation	9,570	8,208	16.6	76,939 R	71,978	6.9						
All Other Paste Process Uses	6,620	5,963	11.0	63,307 R	61,409	3.1						
Resellers & Compounders	38,332	24,683	55.3	282,747 R	239,000	18.3						
All Other Uses	15,013	19,225	-21.9	143,220 R	158,586	-9.7						

E = Estimate - Data includes estimates for one company

R = Revision

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	SEPTEMBER			*YEAR-TO-DATE*			*SEPTEMBER*			*YEAR-TO-DATE*		
	1990	*1989*	*% CHG*	*1990*	*1989*	*%CHG*	*1990*	*1989*	*% CHG*	*1990*	*1989*	*% CHG*
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)												
Exports, Total												
Domestic, Total												
Emulsion Paints												
Adhesives, Caulks and Sealants												
Paper Treating & Paper Coating												
Textile Treating												
Non-Woven Binders												
All Other Uses												
POLYVINYL ALCOHOL, TOTAL (3)												
Exports, Total												
Domestic, Total												
OTHER VINYL RESINS, TOTAL (4)	14,353	15,210	-5.6	142,333	149,755	-5.0	18,739	16,472	13.8	164,530 R	166,514	-1.2
Exports, Total	4,758	6,208	-23.4	50,307	53,186	-5.4						
Domestic, Total	9,595	9,002	6.6	92,026	96,569	-4.7						
THERMOPLASTIC POLYESTER, TOTAL (6)	171,741	136,239	26.1	1,418,271	1,268,701	11.8	160,911	130,983	22.8	1,401,123	1,209,862	15.8
Exports, Total	32,970	21,964	50.1	276,033	221,802	24.5						
PET Bottle Grade Resin, Exports	D	D		D	D							
All Other Exports	D	D		D	D							
Domestic, Total	138,771	114,275	21.4	1,142,238	1,046,899	9.1						
Domestic PET	N.R.	N.R.		N.R.	N.R.							
Solid State Phase Resin	D12	D12		D12	D12							
PET Bottle Grades	102,700	74,885	37.1	800,079	701,910	14.0						
PET/PBT Resellers & Compounders	N.R.4	N/A		N.R.4	N/A							
All Other Thermoplastic Polyester	36,071	39,390	-8.4	342,159	344,989	-0.8						

(2) – The publishing of PVAC data has been suspended.

(3) – The publishing of PVOH data has been suspended.

(4) – Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

D12 = Disclosure: Included in All Other Thermoplastic Polyester.

N.R.4 = Not Reported: Included in All Other Thermoplastic Polyester.

N.R. = Not Reported

D = Disclosure

(6) – Includes sales from imports.

SPI   CRS

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

SEPTEMBER 1990

THERMOSETTING & THERMOPLASTIC RESINS

RESIN CODING CLASSIFICATIONS

EPOXY (UNMODIFIED RESINS)	EPOXY
POLYESTER (UNSATURATED) RESINS	PY
UREA RESINS	UREA
MELAMINE RESINS	MELA
PHENOLIC & OTHER TAR ACID RESINS	PHEN
LOW DENSITY POLYETHYLENE 0.940 & BELOW	LDPE
LINEAR LOW DENSITY POLYETHYLENE 0.940 & BELOW	LLDPE
HIGH DENSITY POLYETHYLENE ABOVE 0.940	HDPE
POLYPROPYLENE POLYMERS & COPOLYMERS	PP
ACRYLONITRILE-BUTADIENE-STYRENE (abs) RESINS	ABS
STYRENE-ACRYLONITRILE (SAN)	SAN
POLYSTYRENE RESINS	PS
STYRENE BUTADIENCE LATEXES - carboxylated, 45% styrene content and over	SBL
OTHER STYRENICS - over 40% styrene	OSBP
NYLON RESINS	NYLON
POLYVINYL CHORIDE & COPOLYERS (DRY RESIN CONTENT)	PVC
POLYVINYL ACETATE	PVAC
POLYVINYL ALCOHOL	PVOH
OTHER VINYL RESINS	OTHER VINYL
THERMOPLASTIC POLYESTER	TPY

REPORTING CLASSIFICATIONS

CATEGORY	CODE
Production	P
Imports	I
Domestic Sales & Captive Use	D
Export Sales	E

Above Legends Refer to the Following List of Reporting Companies by Resin Category.

MONTHLY STATISTICAL REPORT

SEPTEMBER 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	LLDPE	HDPE	PP	ABS	SAN	PS	SBL	OSBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
ADVANCE COATING COMPANY		PD																		
A & E PLASTICS												PDE								
AIR PRODUCTS & CHEMICALS																	DE	PDE		
ALLIED CHEMICAL COMPANY															PDE					PDE
ALLIED-BENDIX CORPORATION					PD															
ALPHA CHEMICAL CORPORATION		PD																		
AMERICAN CYANAMID COMPANY				PDE																
AMERICAN POLYMERS, INC.												PD								
AMETEK, HAVEG DIVISION					PD															
AMOCO CHEMICAL CORPORATION									PDE			PDE								
ANDERSON DEVELOPMENT COMPANY														PD						
ARCO CHEMICAL CORPORATION												PDE		PDE						
ARISTECH CHEMICAL COMPANY		PDE							PDE											
ASHLAND CHEMICAL COMPANY		PDE			PD															
ATOCHEM															PDE					
BASF CORPORATION										PDE	PD	PDE	PD	PD	PDEI					PDE
BELDING CHEMICAL INDUSTRIES															PDE					
BORDEN CHEMICAL COMPANY			PD	PD	PD											PDE				

Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

MONTHLY STATISTICAL REPORT

SEPTEMBER 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	LLDPE	HDPE	PP	ABS	SAN	PS	SBL	OSBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
CELANESE CHEMICAL COMPANY																	D			
CERTAINTEED PRODUCTS CORPORATION																PD				
CHEVRON CHEMICAL CORPORATION						PDE		PDE				PDE								
CIBA-GEIGY CORPORATION	PDE																			
COOK COMPOSITES & POLYMERS		PD																		
CUSTOM RESINS, INC.															PD					
DART CONTAINER												PD								
DOW CHEMICAL USA	PDE	PDE				PDEI	PDEI	PDE		PDE	PDE	PDE	PDE	PDE					PDE	
DUPONT CANADA							DI													
E. I. DUPONT DE NEMOURS & COMPANY						PDE									PDEI			PDE	PDE	PDE
EASTMAN CHEMICAL COMPANY						PDE			PDE											PDE
EMSER INDUSTRIES															PDEI					
ESSO CHEMICAL CORPORATION							DI													
EXXON CHEMICAL AMERICAS						PDEI	PDEI	PDE	PDE											
FINA OIL & CHEMICAL CORPORATION									PDE			PDE								
FIRESTONE SYNTHETIC RUBBER & LATEX														PD						
FORMOSA PLASTICS CORPORATION																PD				
GENCORP													PD							

Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

MONTHLY STATISTICAL REPORT

SEPTEMBER 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	LLDPE	HDPE	PP	ABS	SAN	PS	SBL	OSBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
GENERAL ELECTRIC PLASTICS COMPANY										PDE	PD			PD						PDE
GENESIS POLYMERS									PDE											
GEORGIA-GULF CORPORATION																PDE				
GEORGIA-PACIFIC CORPORATION			PD	PD	PD															
GLIDDEN COATINGS & RESINS		PD																		
B. F. GOODRICH CHEMICAL COMPANY											PDE					PDE				
GOODYEAR CHEMICAL DIVISION													PDE	PDE		PDE				PDE
W. R. GRACE & COMPANY										PD							D		PDE	
GRIFFTEX CHEMICAL COMPANY			PD	PD																
HARBORCHEM, INC.			PD	PD																
HIMONT USA, INC.								PDE	PDE											
HOECHST-CELANESE				PDE	PDE			PDE							PDE					PDE
HUNTSMAN CHEMICAL CORPORATION									PDE			PDE								
ICI AMERICAS, INC.																				PD
INTERPLASTICS CORPORATION		PD																		
IRONSIDES COMPANY					PD															
KEYSOR-CENTURY CORPORATION																PD				
LYONDELL						PDE			PDE											
MASONITE CORPORATION					PD															

Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

MONTHLY STATISTICAL REPORT

SEPTEMBER 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	LLDPE	HDPE	PP	ABS	SAN	PS	SBL	OSBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
MOBAY CORPORATION															DEI					
MOBIL CHEMICAL COMPANY						PDE	PDE	PDE				PDE								
MONSANTO COMPANY			PD	PD						PDE	PDE			PD	PDE		DE		PDE	
MORTON INDUSTRIES													PDE	PD					PDE	
NESTE CHEMICALS			PD	PD	PD															
NOVA PLASTICS						DI	DI													
NYLON CORPORATION OF AMERICA															PD					
OXYCHEM					PDE			PDE								PDE				
OWENS-CORNING FIBERGLASS		PDE		PD	PD															
PACIFIC WESTERN RESINS																PDE				
PAXON CHEMICAL								PDE												
PHILLIPS 66 COMPANY							PDE	PDE	PDE											
PLASLOK CORPORATION					PD															
PLASTICS ENGINEERING COMPANY					PDE															
POLYSAR, INC.												PDE								
QUANTUM CHEMICAL COMPANY						PDE	PDE	PDE	PDE								D			
REICHHOLD CHEMICALS, INC.	PDE	PDE											PDE				DE			
REXENE CORPORATION						PDE			PDE											
RHONE POULENC	PDE		PD	PD																

Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

MONTHLY STATISTICAL REPORT

SEPTEMBER 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	LLDPE	HDPE	PP	ABS	SAN	PS	SBL	OSBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
ROGERS CORPORATION					PDE															
ROHM AND HAAS COMPANY														PDE			D		PDE	
SCHERING BERLIN		PD																		
SCOTT POLYMERS												PD								
SEQUA CHEMICAL																	DE			
SHAKESPEARE COMPANY															PDE					
SHELL CHEMICAL COMPANY	PDE								PDE											
SHINTECH, INC.																PDE				
SILMAR		PDE																		
SOLTEX POLYMERS							PDE	PDE	PDE											
TRI NOVA CORPORATION		PD	PD	PD	PD															
UNION CARBIDE CORPORATION	PDE					PDEI	PDEI	PDE												
UNION CHEMICAL													PD				D		PD	
VALCHEM			PD																	
VALITE DIV. OF VALENTINE SUGARS, INC.					PD															
VISTA CHEMICAL COMPANY																PDE				
VYGEN CORPORATION																PDE				
WELLMAN, INC.															PDE					
WEST LAKE POLYMERS						PDE														
TOTAL	6	13	9	11	16	12	10	12	14	5	5	13	7	10	13	12	9	2	7	8

Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

The Society of the
Plastics Industry, Inc.

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

AUGUST 31, 1990

DATA FOR CALCULATING APPARENT CONSUMPTION OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: November 14, 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(Millions of pounds, dry weight basis)(1)

CRS

AUGUST 1990

RESIN KIND	AUGUST				YEAR-TO-DATE			
	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*
EPOXY RESIN, TOTAL	43.7	31.7	2.2	6.2	342.9	257.5	12.3	47.7
POLYESTER (UNSATURATED) RESINS, TOTAL	104.0	102.1	1.1	6.6	844.6	819.0	5.2	65.6
UREA RESINS, TOTAL **	124.8	120.5	1.1	3.1	1,025.7	989.7	13.4	27.1
MELAMINE RESINS, TOTAL **	17.7	16.1	0.6	1.2	134.1	115.8	3.1	10.0
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	245.5	238.3	3.3	8.5	2,012.3 R	1,983.6 R	28.2	66.7
THERMOSETTING RESINS, TOTAL	535.7	508.7	8.3	25.6	4,359.6 R	4,165.6 R	62.2	217.1
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	612.7	573.9	15.1	68.3	4,808.9	4,160.2	157.1	518.4
LINEAR LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	330.7	414.1	54.7	23.2	2,486.8 R	2,891.1	536.8	173.9
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	721.3	732.2	40.5	75.2	5,423.4	5,121.7	342.8	575.9
POLYPROPYLENE, TOTAL	653.3	621.8	3.4	181.3	5,474.0	4,445.0	39.0	1,156.1
ABS RESINS, TOTAL ** (ACRYLONITRILE-BUTADIENE-STYRENE)	91.6	101.9	5.7	15.5	779.7	795.5	53.6	115.4
SAN (STYRENE-ACRYLONITRILE) RESINS, TOTAL	13.6	8.1	0.6	6.8	88.1	57.0	4.6	51.2
OTHER STYRENICS **	104.4	113.8	0.2	14.7	784.5 R	836.2 R	2.9	115.1
POLYSTYRENE RESINS, TOTAL	426.4	449.8	5.9	33.3	3,354.9 R	3,368.0 R	55.7	200.9
NYLON RESINS, TOTAL (6)	48.3	45.0	8.6	13.9	383.9	333.3	53.6	105.4
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	771.0	729.6	11.0	70.8	6,043.5	5,558.2	96.6	608.5
VINYL ACETATE MONOMER								
FOR POLYVINYL ACETATE, TOTAL (4)								
POLYVINYL ALCOHOL, TOTAL (4)								
OTHER VINYL RESINS	17.9	10.5	N/A	N/A	144.7	82.4	N/A	N/A
THERMOPLASTIC POLYESTER, TOTAL (6)	161.3	118.9	8.1	45.5	1,240.2	1,003.5	46.6	308.6
THERMOPLASTIC RESINS, TOTAL	3,952.5	3,919.6	153.8	548.5	31,012.6 R	28,652.1 R	1,389.3	3,929.4
GRAND TOTAL	4,488.2	4,428.3	162.1	574.1	35,372.2 R	32,817.7 R	1,451.5	4,146.5

(1) = Except phenolic resins which are reported on a gross weight basis.

(4) = The publishing of PVOH + PVAC data is temporarily suspended.

* Except for Epoxy Resin, Bureau of Census exports will differ from exports published in the SPI Monthly Statistical Report.

** = Domestic Sales include Exports.

(6) = Data Includes Sales from Imports.

Monthly and Year-To-Date totals may not agree due to government revisions and rounding.

N/A = Not Available
R = Revision

Sources: Sales and Production – SPI Monthly Statistical Report
Imports – Bureau of the Census (IM 145)
Exports – Bureau of the Census (EM 545)

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

OCTOBER 31, 1990

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING & THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

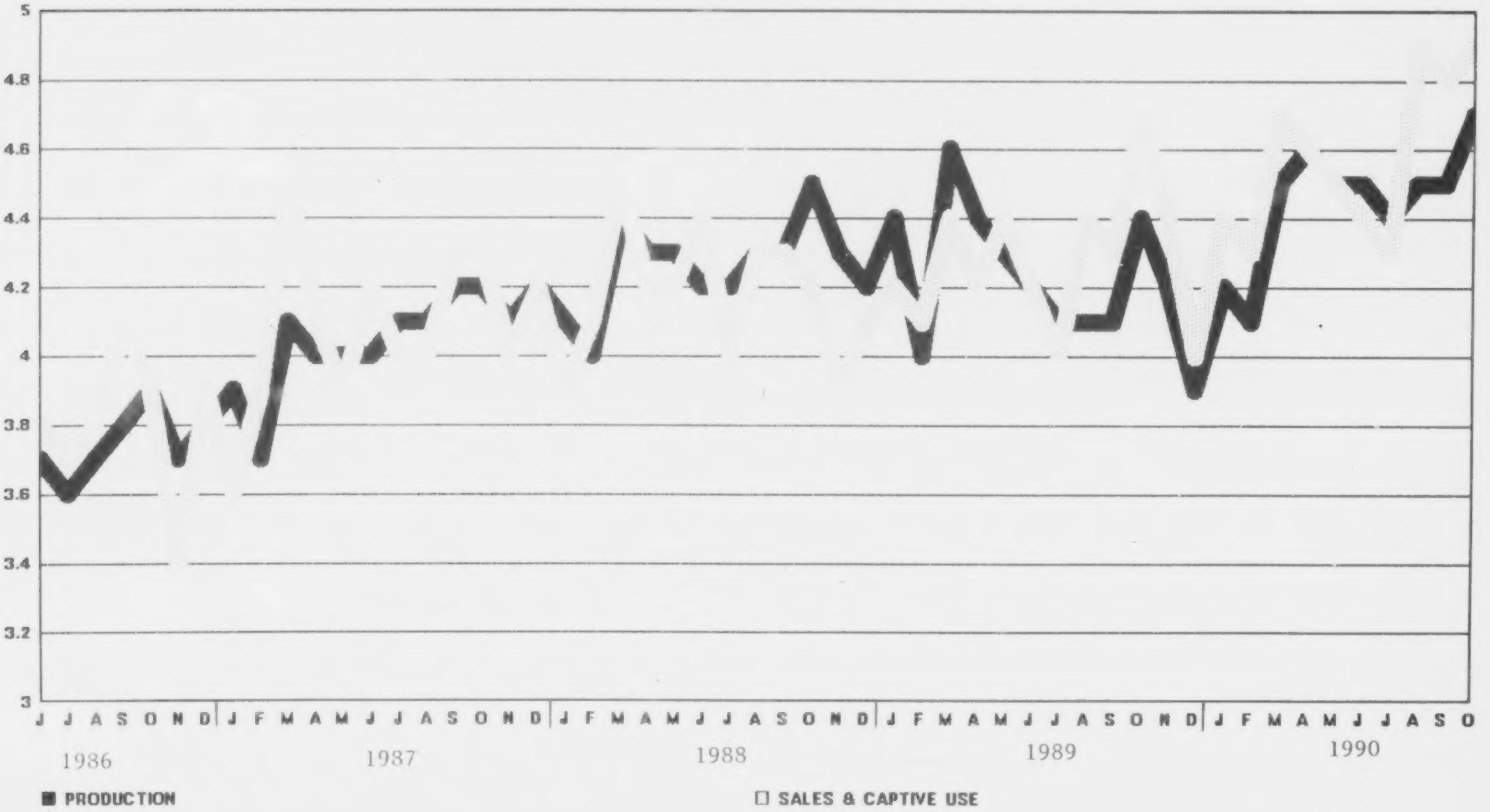
Release Date: December 17, 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(BILLIONS OF POUNDS)

OCTOBER 1990



THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

MONTHLY STATISTICAL REPORT

(Thousands of pounds, dry weight basis)(1)

OCTOBER 1990

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
EPOXY RESIN, TOTAL	44,339	40,065	10.7	411,146 R	410,987	0.0	39,279	34,186	14.9	423,929 R	428,775	-1.1
POLYESTER (UNSATURATED) RESINS, TOTAL	103,110	111,058	-7.2	1,063,136 R	1,121,681	-5.2	101,234	115,273	-12.2	1,071,931	1,134,235	-5.5
UREA RESINS, TOTAL	127,147	141,804	-10.3	1,240,293	1,224,718	1.3	133,329	143,127	-6.8	1,290,046	1,232,165	4.7
MELAMINE RESINS, TOTAL	15,708	18,632	-15.7	148,068	181,835	-18.6	18,468	18,853	-2.0	169,652	187,914	-9.7
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	262,850	259,075	1.5	2,513,945	2,413,829	4.1	261,971	264,963	-1.1	2,531,004	2,431,796	4.1
THERMOSETTING RESINS, TOTAL	553,154	570,634	-3.1	5,376,588 R	5,353,050	0.4	554,281	576,402	-3.8	5,486,562 R	5,414,885	1.3
LOW-DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	683,539	637,627	7.2	6,012,579 R	5,719,403	5.1	647,355	557,326	16.2	6,064,238	5,493,788	10.4
LINEAR-LOW DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	455,088	390,274	16.6	3,949,863 R	3,142,584	25.7	323,854	282,495	14.6	3,135,474	2,571,831	21.9
HIGH-DENSITY POLYETHYLENE (ABOVE 0.940), TOTAL	805,639	777,858	3.6	7,128,121 R	6,818,302	4.5	754,465	701,291	7.6	6,855,764 R	6,846,100	0.1
POLYPROPYLENE, TOTAL	712,727	677,408	5.2	6,898,907	6,094,912	13.2	704,345	643,024	9.5	6,870,156 R	6,070,866	13.2
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	109,386	113,274	-3.4	1,010,662	1,049,062	-3.7	118,936	103,483	14.9	993,432	1,103,101	-9.9
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	14,148	10,309	37.2	116,723	93,060	25.4	14,243	9,664	47.4	113,845	98,450	15.6
POLYSTYRENE RESINS, TOTAL	447,277	451,813	-1.0	4,396,790	4,342,259	1.3	430,502	429,051	0.3	4,239,050	4,287,812	-1.1
STYRENE BASED LATEXES, TOTAL ***	93,823	90,894	3.2	914,016	868,756	5.2	88,673	92,737	-4.4	865,480	835,559	3.6
OTHER STYRENICS, TOTAL (40% or More Styrene)	12,138	13,351	-9.1	127,112	130,056	-2.3	12,588	10,310	22.1	119,307	117,270	1.7
NYLON RESINS (6)	51,076	52,203	-2.2	486,615	489,873	-0.7	51,039	49,838	2.4	481,976	482,122	0.0
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	814,441	776,698	4.9	7,731,515 R	7,149,698	8.1	801,046	721,712	11.0	7,621,890 R	7,122,489	7.0
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)	N/A	N/A		N/A	N/A		N/A	N/A		N/A	N/A	
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
OTHER VINYL RESINS (4)	15,480	17,540	-11.7	157,813	167,295	-5.7	19,979	18,430	8.4	184,509	184,944	-0.2
THERMOPLASTIC POLYESTER, TOTAL (6)	156,953	144,458	8.6	1,575,224	1,413,159	11.5	151,954	147,656	2.9	1,553,077	1,357,518	14.4
THERMOPLASTIC RESINS, TOTAL	4,371,715	4,153,707	5.2	40,505,940 R	37,478,419	8.1	4,118,979	3,767,017	9.3	39,098,198 R	36,571,850	6.9
GRAND TOTAL	4,924,869	4,724,341	4.2	45,882,528 R	42,831,469	7.1	4,673,260	4,343,419	7.6	44,584,760 R	41,986,735	6.2

(1) = Except phenolic resins which are reported on a gross weight basis.

*** = Sales and Captive Use figures include some Canadian produced materials.

(2) = The publishing of PVAC has been suspended.

D = Disclosure.

N/A = Not Available.

(3) = The publishing of PVOH data has been suspended.

(4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

(6) = Data Includes Sales from Imports.

R = Revision.

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
EPOXY RESIN, TOTAL	44,339	40,065	10.7	411,146 R	410,987	0.0	39,279	34,186	14.9	423,929 R	428,775	-1.1
Exports, Total	8,147	4,522	80.2	69,670 R	72,045	-3.3						
Captive Use, Total	1,352	1,802	-25.0	13,708	15,355	-10.7						
Domestic Sales, Total	34,840	33,741	3.3	327,768 R	323,587	1.3						
Domestic Sales & Captive Use,Total	36,192	35,543	1.8	341,476 R	338,942	0.7						
Bonding & Adhesives	2,439	2,210	10.4	24,089 R	21,168	13.8						
Flooring, Paving & Exposed Aggregate	2,076	2,399	-13.5	23,041 R	21,056	9.4						
Protective Coatings	17,794	17,704	0.5	169,304 R	163,926	3.3						
Fiber Reinforced Laminates & Composites	7,452	6,696	11.3	69,784 R	71,346	-2.2						
FRL&C for Printed Wiring Board	4,867	4,424	10.0	45,351 R	49,046	-7.5						
All Other FRL&C	2,585	2,272	13.8	24,433 R	22,300	9.6						
Tooling, Casting & Molded Resins	2,882	2,430	18.6	24,209 R	25,666	-5.7						
All Other Uses	3,549	4,104	-13.5	31,049 R	35,780	-13.2						
POLYESTER (UNSATURATED) RESINS, TOTAL (E)	103,110	111,058	-7.2	1,063,136 R	1,121,681	-5.2	101,234	115,273	-12.2	1,071,931	1,134,235	-5.5
Total Exports	2,060	1,816	13.4	18,356	21,223	-13.5						
Total Domestic	101,050	109,242	-7.5	1,044,780 R	1,100,458	-5.1						
General Purpose Resins, Total	84,679	92,828	-8.8	895,634 R	948,455	-5.6						
General Purpose - Thixotropic	29,801	38,286	-22.2	340,698	418,435	-18.6						
General Purpose - Press Molding	12,991	12,175	6.7	121,809	110,624	10.1						
General Purpose - Panel	7,508	N/A		70,945	N/A							
General Purpose - All Other	34,379	42,367	-18.9	362,182 R	419,396	-13.6						
Flame Retardant Resins	2,175	2,095	3.8	20,518	20,042	2.4						
Chemical Resistant Resins, Total	14,196	14,319	-0.9	128,628 R	131,961	-2.5						
Chemical Resistant Isophthalic Resins	9,694	10,441	-7.2	90,424	99,256	-8.9						
All Other Chemical Resistant Resins	4,502	3,878	16.1	38,204 R	32,705	16.8						
Reinforced Plastic, Total	74,686	79,794	-6.4	770,730 R	821,937	-6.2						
Non-Reinforced Plastics, Total	26,364	29,448	-10.5	274,050 R	278,521	-1.6						

(E) = Estimate - Data includes estimates for one company.

N/A = Not Available
R = Revision

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)(1)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	OCTOBER			*YEAR-TO-DATE*			*OCTOBER*			*YEAR-TO-DATE*		
	1990	*1989*	*% CHG*	*1990*	*1989*	*%CHG*	*1990*	*1989*	*% CHG*	*1990*	*1989*	*% CHG*
UREA RESINS, TOTAL	127,147	141,804	-10.3	1,240,293	1,224,718	1.3	133,329	143,127	-6.8	1,290,046	1,232,165	4.7
MELAMINE RESINS, TOTAL	15,708	18,632	-15.7	148,068	181,835	-18.6	18,468	18,853	-2.0	169,652	187,914	-9.7
UREA & MELAMINE RESINS, TOTAL	142,855	160,436	-11.0	1,388,361	1,406,553	-1.3	151,797	161,980	-6.3	1,459,698	1,420,079	2.8
Total Exports	D1	D1		D1	D1							
Total Domestic	142,855	160,436	-11.0	1,388,361	1,406,553	-1.3						
Textile Coating & Treating Resins	2,286	2,024	12.9	21,173	21,021	0.7	4,420	2,644	67.2	38,964	26,362	47.8
Paper Coating & Treating Resins	4,738	5,716	-17.1	49,191	52,719	-6.7	4,794	5,783	-17.1	50,660	54,279	-6.7
Molding Compounds	D2	D2		D2	D2		D2	D2		D2	D2	
Bonding & Adhesive Resins for:	111,395	125,959	-11.6	1,087,263	1,127,374	-3.6	115,537	125,673	-8.1	1,130,417	1,121,356	0.8
Laminating	1,625	5,311	-69.4	16,489	64,280	-74.3	1,699	4,753	-64.3	17,178	55,135	-68.8
Plywood	5,265	5,251	0.3	50,396	56,954	-11.5	5,184	5,015	3.4	50,801	58,340	-12.9
Fibrous & Granulated Wood (Particle Board)	104,505	115,397	-9.4	1,020,378	1,006,140	1.4	108,654	115,905	-6.3	1,062,438	1,007,881	5.4
Protective Coatings (Straight & Modified)	9,224	9,422	-2.1	87,833	92,228	-4.8	12,806	11,106	15.3	114,665	114,951	-0.2
All Other Uses	15,212	17,315	-12.1	142,901	113,211	26.2	14,240	16,774	-15.1	124,992	103,131	21.2
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	262,850	259,075	1.5	2,513,945	2,413,829	4.1	261,971	264,963	-1.1	2,531,004	2,431,796	4.1
Total Exports	1,332	1,668	-20.1	19,740	15,115	30.6						
Total Domestic	261,518	257,407	1.6	2,494,205	2,398,714	4.0						
Molding Compounds	15,082	15,003	0.5	143,329	150,319	-4.7	15,873	15,738	0.9	157,072	160,603	-2.2
Bonding & Adhesive Resins for:	242,221	236,908	2.2	2,316,402	2,211,655	4.7	241,395	241,357	0.0	2,334,069	2,229,708	4.7
Laminating	15,202	20,414	-25.5	146,154	185,011	-21.0	15,174	22,225	-31.7	146,591	190,750	-23.2
Coated & Bonded Abrasives	2,463	854	188.4	22,728	20,250	12.2	2,008	859	133.8	21,796	21,808	-0.1
Friction Materials	4,650	5,409	-14.0	40,348	34,587	16.7	3,969	7,107	-44.2	40,579	36,661	10.7
Insulation Materials	36,833	36,506	0.9	345,753	353,564	-2.2	38,250	36,716	4.2	356,885	358,201	-0.4
Foundry & Shell Molding	8,056	7,969	1.1	68,002	45,973	47.9	8,118	8,043	0.9	68,011	46,608	45.9
Plywood	D3	126,527		D3	1,232,192		D3	126,264		D3	1,232,297	
Fibrous and Granulated Wood	D3	D3		D3	D3		D3	D3		D3	D3	
Resins Sold to Rubber Industry	D3	700		D3	11,732		D3	786		D3	12,288	
All Other	175,017	38,529	N/C	1,693,417	328,346	N/C	173,876	39,357	N/C	1,700,207	331,095	N/C
Protective Coatings - Unmodified & Modified	D2	607		D2	10,550		D2	610		D2	10,252	
Resins Sold to Rubber Ind. - Non Adhesive Uses	D2	D2		D2	D2		D2	D2		D2	D2	
All Other Uses	4,215	4,889	N/C	34,474	26,190	N/C	4,703	7,258	N/C	39,863	31,233	N/C

D1 = Disclosure: Included in Domestic, Total and All Other Uses.
D2 = Disclosure: Included in All Other Uses.
D3 = Disclosure: Included in All Other Bonding & Adhesive Resins.

(1) = Phenolic is on a Gross Weight Basis.
N/C = Not Comparable.

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RESIN	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
LOW DENSITY POLYETHYLENE - 0.940 & BELOW, TOTAL (6)	683,539	637,627	7.2	6,012,579 R	5,719,403	5.1	665,014	573,527	16.0	6,224,140	5,589,649	11.4
Imports, Total							17,659	16,201	9.0	159,902	95,861	66.8
Exports, Total	87,998	80,325	9.6	711,782 R	751,333	-5.3						
Domestic, Total	595,541	557,302	6.9	5,300,797 R	4,968,070	6.7	647,355	557,326	16.2	6,064,238	5,493,788	10.4
Film (12 Mils & Below)	364,131	334,607	8.8	3,152,981 R	2,850,316	10.6						
Packaging Film	246,521	232,234	6.2	2,148,317	1,942,130	10.6						
Food Packaging Film	112,643	108,753	3.6	995,392	926,213	7.5						
Non-Food Packaging Film	104,464	98,753	5.8	909,347	815,724	11.5						
Shrink Film	18,013	D10		137,447	D10							
Stretch Film	11,401	24,728	N/C	106,131	200,193	N/C						
Non-Packaging Film	117,610	102,373	14.9	1,004,664 R	908,186	10.6						
Carry-Out Bags	19,099	6,980	173.6	124,639	92,201	35.2						
Trash and Can Liners	36,993	36,341	1.8	316,720	320,508	-1.2						
Other Non-Packaging Film	61,518	59,052	4.2	563,305 R	495,477	13.7						
Sheet (Over 12 Mils)	6,130	4,512	35.9	61,030 R	67,903	-10.1						
Injection Molding	36,688	35,481	3.4	319,655 R	337,085	-5.2						
Injection Molded Lids	7,856	5,019	56.5	68,818	43,809	57.1						
Injection Molded Housewares	5,078	5,015	1.3	41,907	43,867	-4.5						
Other Injection Molding	23,754	25,447	-6.7	208,930 R	249,409	-16.2						
Wire and Cable	18,434	D5		198,986 R	D5							
Extrusion Coating	75,642	D5		648,193 R	D5							
Blow Molding	6,149	4,901	25.5	52,327	52,270	0.1						
Pipe and Conduit, Total	D5	D5		D5	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	8,474	92,381	N/C	77,872 R	884,884	N/C						
Rotomolding	D2	D2		D2	D2							
Resellers & Compounders, Total	50,330	46,257	8.8	483,015 R	450,646	7.2						
Resellers	34,666	30,738	12.8	337,558 R	342,442	-1.4						
Compounders	15,664	15,519	0.9	145,457 R	108,204	34.4						
Adhesives and Sealants	10,461	D2		91,904	D2							
All Other Uses	19,102	39,163	N/C	214,834 R	324,966	N/C						

D2 = Disclosure: Included in All Other Uses.
D5 = Disclosure: Included in Other Extruded Products.
R = Revision.

D10 = Disclosure: Included in Stretch Film.
(6) = Sales Include Imports.

D = Disclosure
N/C = Not Comparable

THE SOCIETY OF THE PLASTICS INDUSTRY
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RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	OCTOBER			*YEAR-TO-DATE*			*OCTOBER*			*YEAR-TO-DATE*		
	1990	*1989*	*% CHG*	*1990*	*1989*	*%CHG*	*1990*	*1989*	*% CHG*	*1990*	*1989*	*% CHG*
LINEAR LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	455,088	390,274	16.6	3,949,863 R	3,142,584	25.7	399,652	343,614	16.3	3,862,430 R	3,117,526	23.9
Imports, Total							75,798	61,119	24.0	726,956 R	545,695	33.2
Exports, Total	30,368	17,220	76.4	203,043	132,949	52.7						
Domestic, Total	424,720	373,054	13.8	3,746,820 R	3,009,635	24.5	323,854	282,495	14.6	3,135,474	2,571,831	21.9
Film (12 Mils & Below)	288,182	245,111	17.6	2,466,348	1,925,769	28.1						
Packaging Film	126,133	110,357	14.3	1,068,771	884,895	20.8						
Food Packaging Film	24,372	17,857	36.5	189,607	157,184	20.6						
Non-Food Packaging Film	70,784	64,454	9.8	598,133	501,713	19.2						
Shrink Film	D10	D10		D10	D10							
Stretch Film	30,977	28,046	10.5	281,031	225,998	24.4						
Non-Packaging Film	162,049	134,754	20.3	1,397,577	1,040,874	34.3						
Carry-Out Bags	26,295	18,962	38.7	210,238	160,523	31.0						
Trash and Can Liners	103,384	95,997	7.7	913,942	712,374	28.3						
Other Non-Packaging Film	32,370	19,795	63.5	273,397	167,977	62.8						
Sheet (Over 12 Mils)	3,053	1,035	195.0	17,207	24,344	-29.3						
Injection Molding	52,178	39,853	30.9	462,118	362,800	27.4						
Injection Molded Lids	15,329	19,636	-21.9	154,142	172,740	-10.8						
Injection Molded Housewares	25,689	13,178	94.9	202,182	129,608	56.0						
Other Injection Molding	11,160	7,039	58.5	105,794	60,452	75.0						
Wire and Cable	9,344	D5		116,337	D5							
Extrusion Coating	D5	D5		D5	D5							
Blow Molding	1,998	2,127	-6.1	23,048 R	15,640	47.4						
Pipe and Conduit, Total	3,197	D5		47,328	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	2,371	18,669	N/C	26,417	195,413	N/C						
Rotomolding	26,319	D2		270,750 R	D2							
Resellers & Compounders, Total	32,655	27,553	18.5	214,240	168,212	27.4						
Resellers	16,226	20,365	-20.3	104,510	120,004	-12.9						
Compounders	16,429	7,188	128.6	109,730	48,208	127.6						
Adhesives and Sealants	D2	D2		D2	D2							
All Other Uses	5,423	38,706	N/C	103,027	317,457	N/C						

D2 = Disclosure: Included in All Other Uses.
D5 = Disclosure: Included in Other Extruded Products.
D10 = Disclosure: Shrink Film is Included in Stretch Film.

(6) = Sales Include Imports.

D = Disclosure
N/C = Not Comparable
R = Revision

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RESIN	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
HIGH DENSITY POLYETHYLENE - ABOVE 0.940, TOTAL	805,639	777,858	3.6	7,128,121 R	6,818,302	4.5	754,465	701,291	7.6	6,855,764 R	6,846,100	0.1
Exports, Total	67,409	92,812	-27.4	567,254 R	772,735	-26.6						
Domestic, Total	738,230	685,046	7.8	6,560,867 R	6,045,567	8.5						
Film (12 Mils & Below)	89,766	83,556	7.4	759,966 R	666,786	14.0						
Packaging Film	21,351	20,082	6.3	205,287 R	166,675	23.2						
Food Packaging Film	15,525	13,801	12.5	144,143 R	115,724	24.6						
Non-Food Packaging Film	5,826	6,281	-7.2	61,144 R	50,951	20.0						
Non-Packaging Film	68,415	63,474	7.8	554,679 R	500,111	10.9						
Retail Bags	50,280	31,599 F	N/C	409,546 R	250,344 F	N/C						
Grocery Sacks & T-Shirt Bags	21,603	N/A		196,143	N/A							
All Other Retail Bags	9,811	N/A		66,503	N/A							
Trash Bags/Can Liners	18,866	D9		146,900 R	D9							
All Other Non-Packaging Film	18,135	31,875	N/C	145,133 R	249,767	N/C						
Sheet (Over 12 Mils)	32,257	21,116	52.8	323,405	256,537	26.1						
Injection Molding, Total	155,860	140,482	10.9	1,339,852	1,205,927	11.1						
Pails (5 gallons or less)	41,192	40,571	1.5	370,894	362,977	2.2						
Housewares	8,388	9,180	-8.6	91,003	91,846	-0.9						
Food Tubs/Containers & Drink Cups	27,526	30,620	-10.1	263,878	215,968	22.2						
Crates and Totes	20,586	19,542	5.3	176,446	145,855	21.0						
Toys/Novelties/Sporting Goods	4,432	N/A		49,303	N/A							
Caps and Closures	10,065	N/A		91,664	N/A							
All Other Injection Molding	43,671	40,569	N/C	296,664	389,281	N/C						
Wire and Cable	12,979	13,733	-5.5	141,841	131,747	7.7						
Blow Molding, Total	274,052	268,343	2.1	2,431,867 R	2,430,331	0.1						
Motor Oil Bottles	25,222	18,996	32.8	194,638	165,028	17.9						
Liquid Food Bottles	86,153	79,216	8.8	797,325	751,697	6.1						
Household Chemical Bottles	84,219	84,692	-0.6	767,703	748,906	2.5						
Industrial Drums	14,638	26,269 G	N/C	115,685	220,730 G	N/C						
Gas Tanks, All Uses	4,323	N/A		30,840	N/A							
Pharm., Cosmetics, & Toiletries	19,969	N/A		189,010 R	N/A							
All Other Blow Molding	39,528	59,170	N/C	336,666	543,970	N/C						
Pipe and Conduit, Total	53,769	47,884	12.3	473,248	415,494	13.9						
Corrugated	8,692	11,549	-24.7	87,313	80,451	8.5						
Non-Corrugated	45,077	36,335	24.1	385,935	335,043	15.2						
Gas Distribution	13,943	N/A		122,390	N/A							
Water	D11	N/A		D11	N/A							
Industrial/Sewer	D11	N/A		D11	N/A							
All Other Non-Corrugated Pipe	31,134	N/A		263,545	N/A							
Other Extruded Products	7,834	4,703	66.6	73,643	55,313	33.1						
Rotomolding	8,252	6,884	19.9	62,669	58,893	6.4						
Reseller & Compounders, Total	81,062	79,691	1.7	704,603 R	603,638	16.7						
Resellers	76,499	74,516	2.7	658,826 R	550,540	19.7						
Compounders	4,563	5,175	-11.8	45,777	53,098	-13.8						
All Other HDPE	22,399	18,654	20.1	249,773 R	220,901	13.1						

D9 = Disclosure: Included in Other Non-Packaging Film.
D11 = Disclosure: Included in All Other Non-Corrugated Pipe.
N/C = Not Comparable.

N/A = Not Available
R = Revision

F = Reported as Carry Out Bags in 1989.
G = Reported as Large Containers in 1989.

Compiled By Ernst & Young, Washington DC, for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
POLYPROPYLENE, TOTAL	712,727	677,408	5.2	6,898,907	6,094,912	13.2	704,345	643,024	9.5	6,870,156 R	6,070,866	13.2
Exports, Total	132,990	123,434	7.7	1,284,128	938,123	36.9						
Domestic, Total	579,737	553,974	4.7	5,614,779	5,156,789	8.9						
Injection Molding, Total	171,561	153,749	11.6	1,645,658	1,509,557	9.0						
Appliances	17,642	14,723	19.8	152,471	137,541	10.9						
Consumer Products	56,813	53,646	5.9	545,578	475,223	14.8						
Rigid Packaging	54,900	47,316	16.0	548,330	508,669	7.8						
Transportation	25,661	23,161	10.8	249,795	231,021	8.1						
All Other Injection Molding	16,545	14,903	11.0	149,484	157,103	-4.8						
Blow Molding	11,240	11,698	-3.9	123,389	106,002	16.4						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below), Total	59,205	46,903	26.2	504,863	496,088	1.8						
Oriented Film	48,844	35,890	36.1	410,220	383,146	7.1						
Non-Oriented Film	10,361	11,013	-5.9	94,643	112,942	-16.2						
Sheet (Over 10 Mils), Total	12,343	11,474	7.6	113,896	106,468	7.0						
Packaging	D	N/A		D	N/A							
Non-Packaging	D	N/A		D	N/A							
Extrusion Coating	1,533	D5		17,256	D5							
Wire and Cable	D5	D5		D5	D5							
Fiber and Filaments, Total	166,994	176,745	-5.5	1,760,711	1,673,178	5.2						
Textile Applications	159,155	167,364	-4.9	1,661,671	1,587,380	4.7						
Nonwovens	50,477	50,839	-0.7	499,278	428,752	16.4						
Monofilament & Multifilament Fibers	53,108	49,881	6.5	579,679	668,314	-13.3						
Slit Film Fibers	55,570	66,644	-16.6	582,714	490,314	18.8						
Non-Textile Monofilaments	7,839	9,381	-16.4	99,040	85,798	15.4						
Pipe and Conduit	D5	D5		D5	D5							
Other Extruded Products	11,690	9,404	N/C	106,440	82,226	N/C						
Resellers/Distributors/Compounders, Total	137,809	138,112	-0.2	1,271,220	1,124,273	13.1						
Resellers	45,888	90,066 C	N/C	459,297	756,675 C	N/C						
Distributors	36,740	N/A		342,972	N/A							
Compounders	55,181	48,046	14.9	468,951	367,598	27.6						
All Other Uses	7,362	5,889	25.0	71,346	58,997	20.9						

D5 = Disclosure: Included in Other Extruded Products.
D = Disclosure
C = Reported as Resellers and Distributors in 1989.

N/C = Not Comparable
N/A = Not Available
R = Revision

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RESIN	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
POLYSTYRENE RESINS, TOTAL (E)	447,277	451,813	-1.0	4,396,790	4,342,259	1.3	430,502	429,051	0.3	4,239,050	4,287,812	-1.1
Crystal (Solid) Polystyrene	242,934	242,318 A	N/C	2,353,517	2,331,449 A	N/C	174,825	237,946 A	N/C	1,676,843	2,344,903 A	N/C
Rubber Modified Polystyrene	204,343	209,495	-2.5	2,043,273	2,010,810	1.6	184,867	191,105	-3.3	1,947,112	1,942,909	0.2
Expandable Polystyrene	D13			D13			70,810			615,095		
Exports, Total	16,492	22,898	-28.0	157,047	185,992	-15.6						
Crystal (Solid) Polystyrene	10,214	13,784 A	N/C	91,089	102,710 A	N/C						
Rubber Modified Polystyrene	6,278	9,114	-31.1	65,958	83,282	-20.8						
Expandable Polystyrene	D13			D13								
Domestic, Total	430,785	428,915	0.4	4,239,743	4,156,267	2.0						
Molding	156,480	174,134	-10.1	1,494,010	1,700,884	-12.2						
Extrusion	199,292	179,248	11.2	2,048,506	1,752,967	16.9						
Expandable Polystyrene	62,019	63,169	-1.8	575,183	573,380	0.3						
Block	28,487	25,042	13.8	227,618	221,849	2.6						
Shape	14,557	14,559	0.0	128,768	124,625	3.3						
Loose Fill	D6	D6		D6	D6							
Other EPS	18,975	23,568	-19.5	218,797	226,906	-3.6						
All Other Uses	12,994	12,364	5.1	122,044	129,036	-5.4						
Polystyrene End-Uses, Total	430,785	428,915	0.4	4,239,743	4,156,267	2.0						
Packaging & One Time Use	155,533	156,309 B	-0.5	1,640,138	1,600,879 B	2.5						
Consumer & Institutional Products	46,150	52,068	-11.4	451,649	589,745	-23.4						
Electrical/Electronics	63,323	66,019	-4.1	583,927	539,099	8.3						
Furniture,Furnishings,Bldg. & Construction	30,756	29,414	4.6	279,242	259,369	7.7						
Expandable Polystyrene	62,019	63,169	-1.8	575,183	573,380	0.3						
Resellers and Compounders	55,532	48,434	14.7	533,306	445,650	19.7						
All Other End-Uses	17,472	13,502	29.4	176,298	148,145	19.0						

E = Estimate - Data includes estimates for one company.
D13 = Included in Crystal(Solid) Polystyrene
A = Reported as Straight Polystyrene in 1989.
B = Consists of Packaging & Disposable Food Serviceware lines reported in 1989.

N/C = Not Comparable
D = Disclosure
D6 = Disclosure: Included in Other EPS

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
ABS (ACRYLONITRILE-BUTADIENE-STYRENE), TOTAL	109,386	113,274	-3.4	1,010,662	1,049,062	-3.7	118,936	103,483	14.9	993,432	1,103,101	-9.9
SAN (STYRENE-ACRYLONITRILE), TOTAL	14,148	10,309	37.2	116,723	93,060	25.4	14,243	9,664	47.4	113,845	98,450	15.6
Total Exports	6,764	2,628	157.4	44,101	29,925	47.4						
Total Domestic	7,384	7,681	-3.9	72,622	63,135	15.0						
OTHER STYRENICS (40% OR MORE STYRENE), TOTAL	12,138	13,351	-9.1	127,112	130,056	-2.3	12,588	10,310	22.1	119,307	117,270	1.7
ABS, SAN, & OTHER STYRENICS, TOTAL	135,672	136,934	-0.9	1,254,497	1,272,178	-1.4	145,767	123,457	18.1	1,226,584	1,318,821	-7.0
Total Exports	22,522	N.R. 1		196,340	N.R. 1							
Total Domestic	113,150	136,934	-17.4	1,058,157	1,272,178	-16.8						
Electrical/Electronics	D2	N.R. 2		D2	N.R. 2							
Building & Construction	11,578	13,074	-11.4	115,735	125,603	-7.9						
Transportation	37,037	37,754	-1.9	324,884	331,817	-2.1						
Consumer & Institutional	13,436	N.R. 2		149,310	N.R. 2							
All Other Uses	51,099	86,106	N/C	468,228	814,758	N/C						
*STYRENE BASED LATEXES, TOTAL**	93,823	90,894	3.2	914,016	868,756	5.2	88,673	92,737	-4.4	865,480	835,559	3.6
Carpet Backing	35,091	34,189	2.6	337,587	319,532	5.7						
All Other Uses	58,732	56,705 J	3.6	576,429	549,224 J	5.0						
NYLON RESINS, TOTAL(6)	51,076	52,203	-2.2	486,615	489,873	-0.7	N/A	N/A		N/A	N/A	
Imports, Total							N/A	N/A		N/A	N/A	
Exports, Total	7,664	7,643	0.3	65,605	65,638	-0.1						
Domestic, Total	43,412	44,560	-2.6	421,010	424,235	-0.8	51,039	49,838	2.4	481,976	482,122	0.0
Injection Molding Grade	26,345	26,922	-2.1	249,201	254,486	-2.1						
Extrusion Grade	12,840	13,562	-5.3	132,118	125,280	5.5						
Resellers & Compounders	3,377	3,197	5.6	30,961	32,162	-3.7						
All Other Uses	850	879	-3.3	8,730	12,307	-29.1						
Nylon End-Uses, Total	43,412	44,560	-2.6	421,010	424,235	-0.8						
Automotive and Truck	15,801	N/A		143,601	N/A							
Electrical and Electronic	4,880	N/A		50,727	N/A							
Appliances	1,374	N/A		12,278	N/A							
Film and Coating	6,147	N/A		64,755	N/A							
Wire and Cable	2,985	N/A		28,905	N/A							
Monofilament	1,336	N/A		17,685	N/A							
Consumer	1,698	N/A		17,926	N/A							
Industrial/Machinery	3,818	N/A		37,315	N/A							
All Other End-Uses	5,373	N/A		47,818	N/A							

N.R.1 - Not Reported; Included in Total Domestic and All Other Uses.
N.R.2 - Not Reported; Included in All Other Uses.
* - Styrene Based Latexes Sales include some Canadian produced material.
J = Consists of All Other Uses, Paper Treating, and Textile Treating Lines reported in 1989.
N/C - Not Comparable.

N/A = Not Available
(6) - Includes sales from imports.
D2 = Disclosure: Included in All Other Uses.

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	OCTOBER			*YEAR-TO-DATE*			*OCTOBER*			*YEAR-TO-DATE*		
	1990	*1989*	*% CHG*	*1990*	*1989*	*%CHG*	*1990*	*1989*	*% CHG*	*1990*	*1989*	*% CHG*
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (DRY RESIN CONTENT)	814,441	776,698	4.9	7,731,515 R	7,149,698	8.1	801,046	721,712	11.0	7,621,890 R	7,122,489	7.0
Homopolymer Resins, Including Blending & Latex	750,382	710,185	5.7	7,146,089 R	6,539,554	9.3	732,057	650,391	12.6	7,015,162 R	6,514,203	7.7
Copolymer Resins, Including Blending & Latex	15,459	19,466	-20.6	162,473 R	184,861	-12.1	22,979	24,033	-4.4	174,377 R	180,970	-3.6
Dispersion Resins	48,600	47,047	3.3	422,953	425,283	-0.5	46,010	47,288	-2.7	432,351	427,316	1.2
Exports, Total	71,802	124,678	-42.4	752,444 R	709,950	6.0						
Domestic, Total	742,639	652,020	13.9	6,979,071 R	6,439,748	8.4						
Calendering, Total	95,245	80,771	17.9	858,778 R	772,339	11.2						
Flooring	18,147	20,607	-11.9	182,528 R	182,420	0.1						
Textile	7,383	8,444	-12.6	84,003 R	101,977	-17.6						
All Other Calendering Uses	69,715	51,720	34.8	592,247 R	487,942	21.4						
Coating, Total	30,279	32,303	-6.3	281,170 R	305,849	-8.1						
Flooring	14,344	14,485	-1.0	124,543 R	129,183	-3.6						
Textile and Paper Coating	8,917	9,668	-7.8	82,084	89,633	-8.4						
Protective Coatings	3,856	4,179	-7.7	40,961	42,928	-4.6						
Adhesives & All Other Coating Uses	3,162	3,971	-20.4	33,582 R	44,105	-23.9						
Extrusion, Total	510,003	424,662	20.1	4,785,150 R	4,322,055	10.7						
Wire and Cable	33,088	34,966	-5.4	318,895 R	328,184	-2.8						
Film and Sheet, Packaging	25,832	27,005	-4.3	253,721	271,484	-6.5						
Film and Sheet, Non-Packaging	2,278	3,333	-31.7	35,047 R	43,475	-19.4						
Siding, Siding Acc. & Mobile Home Skirting	74,962	64,528	16.2	719,969 R	648,768	11.0						
Rigid Pipe and Tubing (except fittings)	323,326	245,417	31.7	2,960,860 R	2,565,017	15.4						
All Other Extrusion Uses	50,517	49,413	2.2	496,658 R	465,127	6.8						
Molding, Total	43,535	45,191	-3.7	429,892 R	439,439	-2.2						
Bottles	23,273	19,501	19.3	192,236 R	182,069	5.6						
Fittings (Rigid Pipe and Tubing)	13,454	11,630	15.7	139,014 R	127,530	9.0						
All Other Molding Uses	6,808	14,060	-51.6	98,642 R	129,840	-24.0						
Paste Processes (except coating), Total	16,994	15,132	12.3	157,240	148,519	5.9						
Plastisol Formulation	9,987	8,513	17.3	86,926	80,491	8.0						
All Other Paste Process Uses	7,007	6,619	5.9	70,314	68,028	3.4						
Resellers & Compounders	33,871	27,178	24.6	314,940 R	266,178	18.3						
All Other Uses	12,712	26,783	-52.5	151,901 R	185,369	-18.1						

R = Revision.

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT

(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	OCTOBER			*YEAR-TO-DATE*			*OCTOBER*			*YEAR-TO-DATE*		
	1990	*1989*	*% CHG*	*1990*	*1989*	*%CHG*	*1990*	*1989*	*% CHG*	*1990*	*1989*	*% CHG*
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)												
Exports, Total												
Domestic, Total												
Emulsion Paints												
Adhesives, Caulks and Sealants												
Paper Treating & Paper Coating												
Textile Treating												
Non-Woven Binders												
All Other Uses												
POLYVINYL ALCOHOL, TOTAL (3)												
Exports, Total												
Domestic, Total												
OTHER VINYL RESINS, TOTAL (4)	15,480	17,5[illegible]	-11.7	157,813	167,295	-5.7	19,979	18,430	8.4	184,509	184,944	-0.2
Exports, Total	5,451	6,598	-17.4	55,758	59,784	-6.7						
Domestic, Total	10,029	10,942	-8.3	102,055	107,511	-5.1						
THERMOPLASTIC POLYESTER, TOTAL (6)	156,953	144,458	8.6	1,575,224	1,413,159	11.5	151,954	147,656	2.9	1,553,077	1,357,518	14.4
Exports, Total	29,796	24,874	19.8	305,829	246,676	24.0						
PET Bottle Grade Resin, Exports	D	D		D	D							
All Other Exports	D	D		D	D							
Domestic, Total	127,157	119,584	6.3	1,269,395	1,166,483	8.8						
Domestic PET	N.R.	N.R.		N.R.	N.R.							
Solid State Phase Resin	D12	D12		D12	D12							
PET Bottle Grades	83,108	79,865	4.1	883,187	781,775	13.0						
PET/PBT Resellers & Compounders	N.R.4	N/A		N.R.4	N/A							
All Other Thermoplastic Polyester	44,049	39,719	10.9	386,208	384,708	0.4						

(2) – The publishing of PVAC data has been suspended.

(3) – The publishing of PVOH data has been suspended.

(4) – Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

D12 = Disclosure: Included in All Other Thermoplastic Polyester.

N.R.4 = Not Reported: Included in All Other Thermoplastic Polyester.

N.R. = Not Reported

D = Disclosure

(6) – Includes sales from imports.

AP920-5

The Society of the
Plastics Industry, Inc.

MonthlyStatisticalReport-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

SEPTEMBER 30, 1990

DATA FOR CALCULATING APPARENT CONSUMPTION OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: December 17, 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(Millions of pounds, dry weight basis)(1)

CRS

SEPTEMBER 1990

RESIN KIND	SEPTEMBER				YEAR-TO-DATE			
	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*
EPOXY RESIN, TOTAL	43.3	32.0	2.0	6.3	386.2	289.5	14.2	54.0
POLYESTER (UNSATURATED) RESINS, TOTAL	98.3	95.7	0.6	8.9	970.7 R	943.7 R	5.8	74.5
UREA RESINS, TOTAL **	131.6	122.7	1.5	3.5	1,156.7 R	1,113.1 R	14.9	30.6
MELAMINE RESINS, TOTAL **	17.0	13.7	0.5	1.5	151.2 R	132.4 R	3.6	11.5
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	256.7	249.1	3.2	8.1	2,269.0	2,232.7	31.4	74.9
THERMOSETTING RESINS, TOTAL	546.9	513.2	7.8	28.3	4,933.8 R	4,711.4 R	69.9	245.5
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	608.0	558.9	20.1	58.6	5,416.9	4,719.1	177.2	577.0
LINEAR LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	338.7	430.2	86.6	28.0	2,811.6 R	3,321.9 R	623.3	201.9
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	678.5	696.8	39.5	74.4	6,099.4 R	5,818.5	382.3	650.3
POLYPROPYLENE, TOTAL	691.3	589.3	2.6	159.5	6,165.3	5,035.0 R	41.6	1,315.6
ABS RESINS, TOTAL ** (ACRYLONITRILE-BUTADIENE-STYRENE)	93.0	105.8	6.6	18.8	874.5 R	901.3	60.2	134.2
SAN (STYRENE-ACRYLONITRILE) RESINS, TOTAL	11.5	8.2	0.4	6.6	99.6	65.2	5.0	57.9
OTHER STYRENICS **	97.1	99.0	0.4	15.6	883.5 R	935.2	3.3	130.7
POLYSTYRENE RESINS, TOTAL	453.7	441.0	8.8	22.8	3,808.5	3,809.0	64.4	223.8
NYLON RESINS, TOTAL (6)	47.0	44.3	5.8	12.9	430.9 R	377.6	59.4	118.3
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	775.2	719.5	12.9	66.1	6,818.7	6,259.8 R	109.4	674.6
VINYL ACETATE MONOMER								
FOR POLYVINYL ACETATE, TOTAL (4)								
POLYVINYL ALCOHOL, TOTAL (4)								
OTHER VINYL RESINS	18.7	9.6	N/A	N/A	164.5 R	92.0	N/A	N/A
THERMOPLASTIC POLYESTER, TOTAL (6)	160.9	138.8	7.8	35.8	1,401.1	1,142.2	54.4	344.4
THERMOPLASTIC RESINS, TOTAL	3,973.6	3,841.4	191.5	499.1	34,974.5 R	32,476.8 R	1,580.5	4,428.7
GRAND TOTAL	4,520.5	4,354.6	199.3	527.4	39,908.3 R	37,188.2 R	1,650.4	4,674.2

(1) = Except phenolic resins which are reported on a gross weight basis.
(4) = The publishing of PVOH + PVAC data is temporarily suspended.
* Except for Epoxy Resin, Bureau of Census exports will differ from exports published in the SPI Monthly Statistical Report.
** = Domestic Sales include Exports.
(6) = Data Includes Sales from Imports.

Monthly and Year-To-Date totals may not agree due to government revisions and rounding.

N/A = Not Available
R = Revision

Sources:
Sales and Production – SPI Monthly Statistical Report
Imports – Bureau of the Census (IM 145)
Exports – Bureau of the Census (EM 545)

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

NOVEMBER 30, 1990

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING & THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

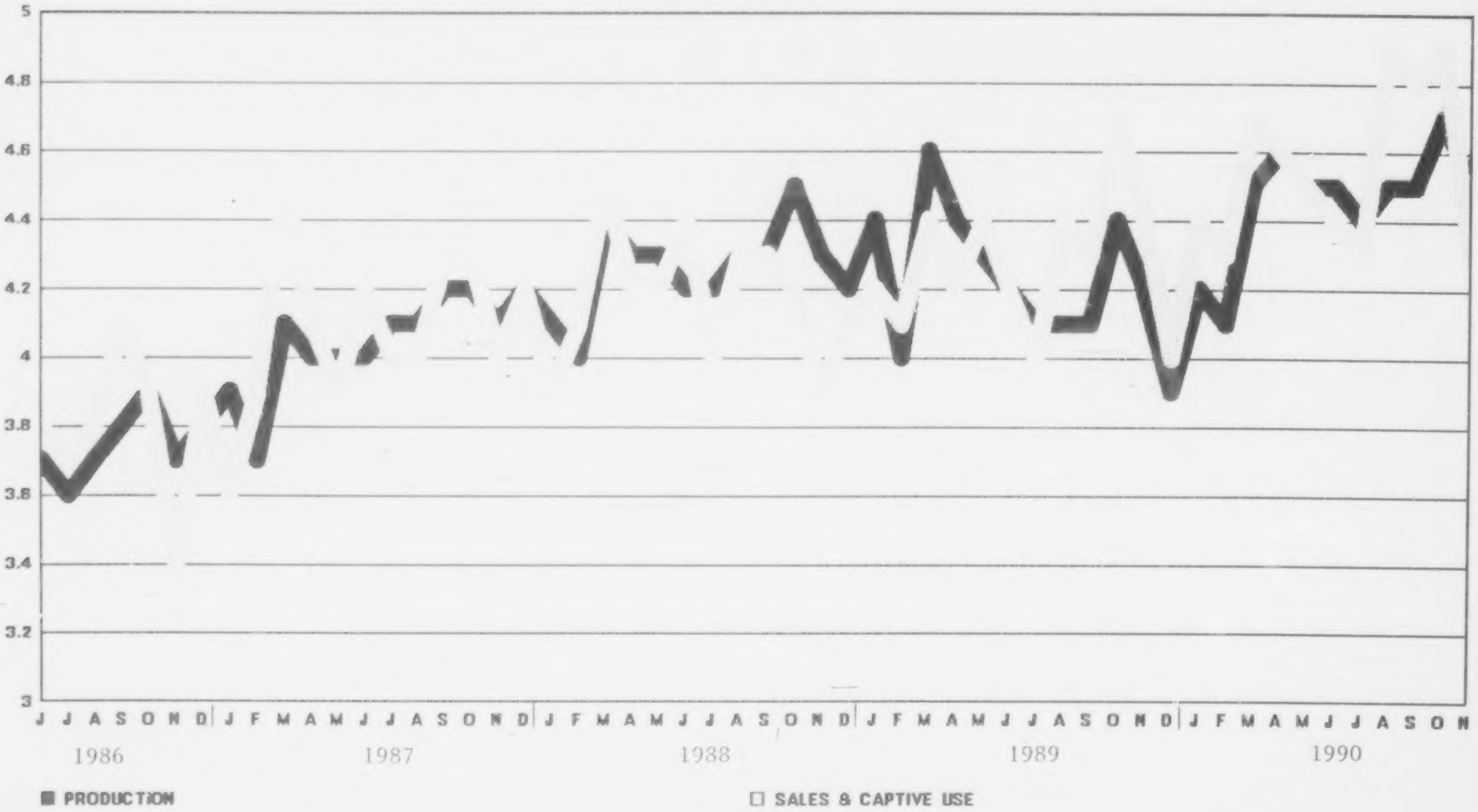
Release Date: January 15, 1991

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(BILLIONS OF POUNDS)

NOVEMBER 1990



THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

MONTHLY STATISTICAL REPORT

(Thousands of pounds, dry weight basis)(1)

NOVEMBER 1990

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
EPOXY RESIN, TOTAL	38,910	34,740	12.0	450,056	445,727	1.0	40,403	45,576	-11.4	464,332	474,351	-2.1
POLYESTER (UNSATURATED) RESINS, TOTAL	80,084	97,737	-18.1	1,143,220	1,219,418	-6.2	81,886	99,834	-18.0	1,153,817	1,234,069	-6.5
UREA RESINS, TOTAL	101,923	122,275	-16.6	1,342,216	1,346,993	-0.4	107,882	124,313	-13.2	1,397,928	1,356,478	3.1
MELAMINE RESINS, TOTAL	14,200	16,440	-13.6	162,268	198,275	-18.2	16,939	17,639	-4.0	186,591	205,553	-9.2
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	208,604	228,114	-8.6	2,722,549	2,641,943	3.1	213,322	226,040	-5.6	2,744,326	2,657,836	3.3
THERMOSETTING RESINS, TOTAL	443,721	499,306	-11.1	5,820,309	5,852,356	-0.5	460,432	513,402	-10.3	5,946,994	5,928,287	0.3
LOW-DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	594,304	624,244	-4.8	6,606,883	6,343,647	4.1	613,645	561,601	9.3	6,688,444 R	6,055,389	10.5
LINEAR-LOW DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	396,865	386,919	2.6	4,346,728	3,529,503	23.2	363,220	263,442	37.9	3,498,694	2,835,273	23.4
HIGH-DENSITY POLYETHYLENE (ABOVE 0.940), TOTAL	724,795	729,744	-0.7	7,852,916	7,548,046	4.0	741,727	675,711	9.8	7,597,491	7,521,811	1.0
POLYPROPYLENE, TOTAL	724,509	623,550	16.2	7,623,400 R	6,718,462	13.5	758,764	579,091	31.0	7,652,796 R	6,649,957	15.1
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	78,764	85,036	-7.4	1,089,426	1,134,098	-3.9	91,083	70,703	28.8	1,084,515	1,173,804	-7.6
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	8,457	7,397	14.3	125,180	100,457	24.6	9,957	6,323	57.5	123,802	104,773	18.2
POLYSTYRENE RESINS, TOTAL	376,524	432,904	-13.0	4,781,795 R	4,775,163	0.1	382,329	413,945	-7.6	4,626,331 R	4,701,757	-1.6
STYRENE BASED LATEXES, TOTAL ***	87,907	86,000	2.2	1,001,923	954,756	4.9	82,756	87,189	-5.1	948,236	922,748	2.8
OTHER STYRENICS, TOTAL (40% or More Styrene)	12,503	11,467	9.0	139,615	141,523	-1.3	12,752	8,934	42.7	132,059	126,204	4.6
NYLON RESINS (6)	50,078	49,342	1.5	536,693	539,215	-0.5	38,017	44,111	-13.8	519,993	526,233	-1.2
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	656,661	726,736	-9.6	8,388,176	7,876,434	6.5	741,759	741,336	0.1	8,363,649	7,863,825	6.4
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)	N/A	N/A		N/A	N/A		N/A	N/A		N/A	N/A	
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
OTHER VINYL RESINS (4)	18,877	15,631	20.8	176,690	182,926	-3.4	19,550	17,490	11.8	204,059	202,434	0.8
THERMOPLASTIC POLYESTER, TOTAL (6)	155,931	145,872	6.9	1,731,155	1,559,031	11.0	159,715	127,678	25.1	1,712,792	1,485,196	15.3
THERMOPLASTIC RESINS, TOTAL	3,886,175	3,924,842	-1.0	44,400,580 R	41,403,261	7.2	4,015,274	3,597,554	11.6	43,152,861 R	40,169,404	7.4
GRAND TOTAL	4,329,896	4,424,148	-2.1	50,220,889 R	47,255,617	6.3	4,475,706	4,110,956	8.9	49,099,855 R	46,097,691	6.5

(1) = Except phenolic resins which are reported on a gross weight basis.

*** = Sales and Captive Use figures include some Canadian produced materials.

(2) = The publishing of PVAC has been suspended.

D = Disclosure.

N/A = Not Available.

(3) = The publishing of PVOH data has been suspended.

(4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

(6) = Data Includes Sales from Imports.

R = Revision.

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	NOVEMBER			*YEAR-TO-DATE*			*NOVEMBER*			*YEAR-TO-DATE*		
	1990	*1989*	*% CHG*	*1990*	*1989*	*% CHG*	*1990*	*1989*	*% CHG*	*1990*	*1989*	*% CHG*
EPOXY RESIN, TOTAL	38,910	34,740	12.0	450,056	445,727	1.0	40,403	45,576	-11.4	464,332	474,351	-2.1
Exports, Total	8,162	5,275	54.7	77,832	77,320	0.7						
Captive Use, Total	1,550	1,482	4.6	15,258	16,837	-9.4						
Domestic Sales, Total	29,198	27,983	4.3	356,966	351,570	1.5						
Domestic Sales & Captive Use,Total	30,748	29,465	4.4	372,224	368,407	1.0						
Bonding & Adhesives	2,174	1,810	20.1	26,263	22,978	14.3						
Flooring, Paving & Exposed Aggregate	1,985	1,729	14.8	25,026	22,785	9.8						
Protective Coatings	14,591	14,748	-1.1	183,895	178,674	2.9						
Fiber Reinforced Laminates & Composites	6,263	6,168	1.5	76,047	77,514	-1.9						
FRL&C for Printed Wiring Board	3,905	4,095	-4.6	49,256	53,141	-7.3						
All Other FRL&C	2,358	2,073	13.7	26,791	24,373	9.9						
Tooling, Casting & Molded Resins	2,210	2,083	6.1	26,419	27,749	-4.8						
All Other Uses	3,525	2,927	20.4	34,574	38,707	-10.7						
POLYESTER (UNSATURATED) RESINS, TOTAL (E)	80,084	97,737	-18.1	1,143,220	1,219,418	-6.2	81,886	99,834	-18.0	1,153,817	1,234,069	-6.5
Total Exports	1,656	1,663	-0.4	20,012	22,886	-12.6						
Total Domestic	78,428	96,074	-18.4	1,123,208	1,196,532	-6.1						
General Purpose Resins, Total	65,981	81,807	-19.3	961,615	1,030,262	-6.7						
General Purpose - Thixotropic	23,327	33,258	-29.9	364,025	451,693	-19.4						
General Purpose - Press Molding	8,925	11,384	-21.6	130,734	122,008	7.2						
General Purpose - Panel	5,017	N/A		75,962	N/A							
General Purpose - All Other	28,712	37,165	-22.7	390,894	456,561	-14.4						
Flame Retardant Resins	1,837	2,170	-15.3	22,355	22,212	0.6						
Chemical Resistant Resins, Total	10,610	12,097	-12.3	139,238	144,058	-3.3						
Chemical Resistant Isophthalic Resins	7,219	9,058	-20.3	97,643	108,314	-9.9						
All Other Chemical Resistant Resins	3,391	3,039	11.6	41,595	35,744	16.4						
Reinforced Plastic, Total	56,718	69,442	-18.3	827,448	891,379	-7.2						
Non-Reinforced Plastics, Total	21,710	26,632	-18.5	295,760	305,153	-3.1						

(E) = Estimate – Data includes estimates for one company.

N/A = Not Available

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT

(Thousands of Pounds, Dry Weight Basis)(1)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
UREA RESINS, TOTAL (E)	101,923	122,275	-16.6	1,342,216	1,346,993	-0.4	107,882	124,313	-13.2	1,397,928	1,356,478	3.1
MELAMINE RESINS, TOTAL (E)	14,200	16,440	-13.6	162,268	198,275	-18.2	16,939	17,639	-4.0	186,591	205,553	-9.2
UREA & MELAMINE RESINS, TOTAL (E)	116,123	138,715	-16.3	1,504,484	1,545,268	-2.6	124,821	141,952	-12.1	1,584,519	1,562,031	1.4
Total Exports	D1	D1		D1	D1							
Total Domestic	116,123	138,715	-16.3	1,504,484	1,545,268	-2.6						
Textile Coating & Treating Resins	2,067	1,931	7.0	23,240	22,952	1.3	3,387	2,556	32.5	42,351	28,918	46.5
Paper Coating & Treating Resins	3,817	4,906	-22.2	53,008	57,625	-8.0	4,023	5,236	-23.2	54,683	59,515	-8.1
Molding Compounds	D2	D2		D2	D2		D2	D2		D2	D2	
Bonding & Adhesive Resins for:	89,989	109,753	-18.0	1,177,252	1,237,127	-4.8	94,189	110,052	-14.4	1,224,606	1,231,408	-0.6
Laminating	1,132	4,446	-74.5	17,621	68,726	-74.4	1,117	3,848	-71.0	18,295	58,983	-69.0
Plywood	4,002	4,545	-11.9	54,398	61,4[illegible]	-11.5	4,040	4,694	-13.9	54,841	63,034	-13.0
Fibrous & Granulated Wood (Particle Board)	84,855	100,762	-15.8	1,105,233	1,106,902	-0.2	89,032	101,510	-12.3	1,151,470	1,109,391	3.8
Protective Coatings (Straight & Modified)	8,804	8,654	1.7	96,637	100,882	-4.2	12,041	10,950	10.0	126,706	125,901	0.6
All Other Uses	11,446	13,471	-15.0	154,347	126,682	21.8	11,181	13,158	-15.0	136,173	116,289	17.1
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	208,604	228,114	-8.6	2,722,549	2,641,943	3.1	213,322	226,040	-5.6	2,744,326	2,657,836	3.3
Total Exports	944	2,470	-61.8	20,684	17,585	17.6						
Total Domestic	207,660	225,644	-8.0	2,701,865	2,624,358	3.0						-
Molding Compounds	13,582	13,573	0.1	156,911	163,892	-4.3	14,038	13,798	1.7	171,110	174,401	-1.9
Bonding & Adhesive Resins for:	190,994	207,221	-7.8	2,507,396	2,418,876	3.7	194,835	206,549	-5.7	2,528,904	2,436,257	3.8
Laminating	11,334	17,213	-34.2	157,488	202,224	-22.1	11,649	16,406	-29.0	158,240	207,156	-23.6
Coated & Bonded Abrasives	2,129	1,200	77.4	24,857	21,450	15.9	2,513	1,992	26.2	24,309	23,800	2.1
Friction Materials	2,873	3,583	-19.8	43,221	38,170	13.2	3,956	2,540	55.7	44,535	39,201	13.6
Insulation Materials	32,721	30,561	7.1	378,474	384,125	-1.5	33,859	30,494	11.0	390,744	388,695	0.5
Foundry & Shell Molding	6,015	6,863	-12.4	74,017	52,836	40.1	6,167	7,421	-16.9	74,178	54,029	37.3
Plywood	D3	116,822	-	D3	1,349,014		D3	116,439		D3	1,348,736	
Fibrous and Granulated Wood	D3	D3		D3	D3		D3	D3		D3	D3	
Resins Sold to Rubber Industry	D3	690		D3	12,422		D3	769		D3	13,057	
All Other	135,922	30,289	N/C	1,829,339	358,635	N/C	136,691	30,488	N/C	1,836,898	361,583	N/C
Protective Coatings - Unmodified & Modified	D2	1,937		D2	12,487		D2	3,224		D2	13,476	
Resins Sold to Rubber Ind. - Non Adhesive Uses	D2	D2		D2	D2		D2	D2		D2	D2	
All Other Uses	3,084	2,913	N/C	37,558	29,103	N/C	4,449	2,469	N/C	44,312	33,702	N/C

(E) = Estimate – Data includes estimates for one company.
D1 = Disclosure: Included in Domestic, Total and All Other Uses.
D2 = Disclosure: Included in All Other Uses.
D3 = Disclosure: Included in All Other Bonding & Adhesive Resins.

(1) = Phenolic is on a Gross Weight Basis.
N/C = Not Comparable.

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT

(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	NOVEMBER			*YEAR-TO-DATE*			*NOVEMBER*			*YEAR-TO-DATE*		
	1990	*1989*	*% CHG*	*1990*	*1989*	*%CHG*	*1990*	*1989*	*% CHG*	*1990*	*1989*	*% CHG*
LOW DENSITY POLYETHYLENE - 0.940 & BELOW, TOTAL (6)	594,304	624,244	-4.8	6,606,883	6,343,647	4.1	629,241	575,518	9.3	6,863,942 R	6,165,167	11.3
Imports, Total							15,596	13,917	12.1	175,498	109,778	59.9
Exports, Total	86,565	94,789	-8.7	798,347	846,122	-5.6						
Domestic, Total	507,739	529,455	-4.1	5,808,536	5,497,525	5.7	613,645	561,601	9.3	6,688,444 R	6,055,389	10.5
Film (12 Mils & Below)	322,811	311,567	3.6	3,475,792	3,161,883	9.9						
Packaging Film	225,941	220,819	2.3	2,374,258	2,162,949	9.8						
Food Packaging Film	105,558	106,735	-1.1	1,100,950	1,032,948	6.6						
Non-Food Packaging Film	93,884	90,150	4.1	1,003,231	905,874	10.7						
Shrink Film	14,448	D10		151,895	D10							
Stretch Film	12,051	23,934	N/C	118,182	224,127	N/C						
Non-Packaging Film	96,870	90,748	6.7	1,101,534	998,934	10.3						
Carry-Out Bags	12,876	6,464	99.2	137,515	98,665	39.4						
Trash and Can Liners	30,552	28,123	8.6	347,272	348,631	-0.4						
Other Non-Packaging Film	53,442	56,161	-4.8	616,747	551,638	11.8						
Sheet (Over 12 Mils)	6,553	5,935	10.4	67,583	73,838	-8.5						
Injection Molding	22,447	41,758	-46.2	342,102	378,843	-9.7						
Injection Molded Lids	6,562	4,168	57.4	75,380	47,977	57.1						
Injection Molded Housewares	4,308	3,417	26.1	46,215	47,284	-2.3						
Other Injection Molding	11,577	34,173	-66.1	220,507	283,582	-22.2						
Wire and Cable	16,430	D5		215,416	D5							
Extrusion Coating	66,364	D5		714,557	D5							
Blow Molding	4,823	4,357	10.7	57,150	56,627	0.9						
Pipe and Conduit, Total	D5	D5		D5	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	7,890	96,104	N/C	85,762	980,988	N/C						
Rotomolding	D2	D2		D2	D2							
Resellers & Compounders, Total	44,781	34,756	28.8	527,796	485,402	8.7						
Resellers	29,081	23,956	21.4	366,639	366,398	0.1						
Compounders	15,700	10,800	45.4	161,157	119,004	35.4						
Adhesives and Sealants	8,912	D2		100,816	D2							
All Other Uses	6,728	34,978	N/C	221,562	359,944	N/C						

D2 = Disclosure: Included in All Other Uses.

D5 = Disclosure: Included in Other Extruded Products.

R = Revision

D10 = Disclosure: Included in Stretch Film.

(6) = Sales Include Imports.

D = Disclosure

N/C = Not Comparable

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
LINEAR LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	396,865	386,919	2.6	4,346,728	3,529,503	23.2	424,772	325,705	30.4	4,287,202	3,443,231	24.5
Imports, Total							61,552	62,263	-1.1	788,508	607,958	29.7
Exports, Total	27,705	19,246	44.0	230,748	152,195	51.6						
Domestic, Total	369,160	367,673	0.4	4,115,980	3,377,308	21.9	363,220	263,442	37.9	3,498,694	2,835,273	23.4
Film (12 Mils & Below)	252,774	248,345	1.8	2,719,122	2,174,114	25.1						
Packaging Film	111,572	106,816	4.5	1,180,343	991,711	19.0						
Food Packaging Film	21,476	19,766	8.7	211,083	176,950	19.3						
Non-Food Packaging Film	62,524	58,694	6.5	660,657	560,407	17.9						
Shrink Film	D10	D10		D10	D10							
Stretch Film	27,572	28,356	-2.8	308,603	254,354	21.3						
Non-Packaging Film	141,202	141,529	-0.2	1,538,779	1,182,403	30.1						
Carry-Out Bags	20,687	19,103	8.3	230,925	179,626	28.6						
Trash and Can Liners	92,697	98,306	-5.7	1,006,639	810,680	24.2						
Other Non-Packaging Film	27,818	24,120	15.3	301,215	192,097	56.8						
Sheet (Over 12 Mils)	3,179	1,176	170.3	20,386	25,520	-20.1						
Injection Molding	40,223	39,387	2.1	502,341	402,187	24.9						
Injection Molded Lids	11,052	16,350	-32.4	165,194	189,090	-12.6						
Injection Molded Housewares	20,425	14,224	43.6	222,607	143,832	54.8						
Other Injection Molding	8,746	8,813	-0.8	114,540	69,265	65.4						
Wire and Cable	8,317	D5		124,654	D5							
Extrusion Coating	D5	D5		D5	D5							
Blow Molding	1,326	2,479	-46.5	24,374	18,119	34.5						
Pipe and Conduit, Total	3,510	D5		50,838	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	2,319	18,064	N/C	28,736	213,477	N/C						
Rotomolding	22,256	D2		293,006	D2							
Resellers & Compounders, Total	20,707	24,991	-17.1	234,947	193,203	21.6						
Resellers	11,861	17,131	-30.8	116,371	137,135	-15.1						
Compounders	8,846	7,860	12.5	118,576	56,068	111.5						
Adhesives and Sealants	D2	D2		D2	D2							
All Other Uses	14,549	33,231	N/C	117,576	350,688	N/C						

D2 = Disclosure: Included in All Other Uses.

D5 = Disclosure: Included in Other Extruded Products.

D10 = Disclosure: Shrink Film is Included in Stretch Film.

(6) = Sales Include Imports.

D = Disclosure

N/C = Not Comparable

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
HIGH DENSITY POLYETHYLENE - ABOVE 0.940. TOTAL	724,795	729,744	-0.7	7,852,916	7,548,048	4.0	741,727	675,711	9.8	7,597,491	7,521,811	1.0
Exports, Total	69,798	73,338	-4.8	537,052	846,073	-24.7						
Domestic, Total	654,997	656,406	-0.2	7,215,864	6,701,973	7.7						
Film (12 Mils & Below)	89,741	82,767	8.4	849,707	749,553	13.4						
Packaging Film	21,996	21,304	3.2	227,283	187,979	20.9						
Food Packaging Film	15,910	14,874	7.0	160,053	130,598	22.6						
Non-Food Packaging Film	6,086	6,430	-5.3	67,230	57,381	17.2						
Non-Packaging Film	67,745	61,463	10.2	622,424	561,574	10.8						
Retail Bags	48,674	28,761 F	N/C	458,220	279,105 F	N/C						
Grocery Sacks & T-Shirt Bags	22,150	N/A		218,293	N/A							
All Other Retail Bags	6,235	N/A		72,738	N/A							
Trash Bags/Can Liners	20,289	D9		167,189	D9							
All Other Non-Packaging Film	19,071	32,702	N/C	164,204	282,469	N/C						
Sheet (Over 12 Mils)	27,363	28,435	-3.8	350,768	284,972	23.1						
Injection Molding, Total	132,077	139,286	-5.2	1,471,929	1,345,213	9.4						
Pails (5 gallons or less)	26,926	42,121	-36.1	397,820	405,098	-1.8						
Housewares	9,044	10,649	-15.1	100,047	102,495	-2.4						
Food Tubs/Containers & Drink Cups	27,987	22,906	22.2	291,865	238,874	22.2						
Crates and Totes	22,326	18,947	17.8	198,772	164,802	20.6						
Toys/Novelties/Sporting Goods	4,684	N/A		53,987	N/A							
Caps and Closures	8,927	N/A		100,591	N/A							
All Other Injection Molding	32,163	44,663	N/C	328,847	433,944	N/C						
Wire and Cable	11,238	11,473	-2.0	153,079	143,220	6.9						
Blow Molding, Total	243,196	248,036	-2.0	2,675,063	2,678,367	-0.1						
Motor Oil Bottles	18,131	14,976	21.1	212,759	180,004	18.2						
Liquid Food Bottles	80,254	80,123	0.2	877,579	831,820	5.5						
Household Chemical Bottles	78,999	81,984	-3.6	846,702	830,890	1.9						
Industrial Drums	12,351	18,582 G	N/C	128,036	239,312 G	N/C						
Gas Tanks, All Uses	3,254	N/A		34,094	N/A							
Pharm., Cosmetics, & Toiletries	18,256	N/A		207,266	N/A							
All Other Blow Molding	31,951	52,371	N/C	368,617	596,341	N/C						
Pipe and Conduit, Total	42,055	40,915	2.8	515,303	456,409	12.9						
Corrugated	9,851	7,430	32.6	97,164	87,881	10.6						
Non-Corrugated	32,204	33,485	-3.8	418,139	368,528	13.5						
Gas Distribution	11,232	N/A		133,622	N/A							
Water	D11	N/A		D11	N/A							
Industrial/Sewer	D11	N/A		D11	N/A							
All Other Non-Corrugated Pipe	20,972	N/A		284,517	N/A							
Other Extruded Products	3,856	6,901	-44.1	77,499	62,214	24.6						
Rotomolding	6,709	7,163	-6.3	69,378	66,056	5.0						
Reseller & Compounders, Total	75,216	54,517	38.0	779,819	658,155	18.5						
Resellers	73,092	49,459	47.8	731,918	599,999	22.0						
Compounders	2,124	5,058	-58.0	47,901	58,156	-17.6						
All Other HDPE	23,546	36,913	-36.2	273,319	257,814	6.0						

D9 = Disclosure: Included in Other Non-Packaging Film.
D11 = Disclosure: Included in All Other Non-Corrugated Pipe
N/C = Not Comparable.

N/A = Not Available

F = Reported as Carry Out Bags in 1989.
G = Reported as Large Containers in 1989.

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	NOVEMBER			*YEAR-TO-DATE*			*NOVEMBER*			*YEAR-TO-DATE*		
	1990	*1989*	*% CHG*	*1990*	*1989*	*%CHG*	*1990*	*1989*	*% CHG*	*1990*	*1989*	*% CHG*
POLYPROPYLENE, TOTAL	724,509	623,550	16.2	7,623,400 R	6,718,462	13.5	758,764	579,091	31.0	7,652,796 R	6,649,957	15.1
Exports, Total	190,665	133,471	42.9	1,474,980 R	1,071,594	37.6						
Domestic, Total	533,844	490,079	8.9	6,148,420 R	5,646,868	8.9						
Injection Molding, Total	154,712	143,232	8.0	1,800,370	1,652,789	8.9						
Appliances	14,061	11,814	19.0	166,532	149,355	11.5						
Consumer Products	48,095	49,157	-2.2	593,673	524,380	13.2						
Rigid Packaging	51,479	47,683	8.0	599,809	556,352	7.8						
Transportation	25,914	18,909	37.0	275,709	249,930	10.3						
All Other Injection Molding	15,163	15,669	-3.2	164,647	172,772	-4.7						
Blow Molding	11,001	13,031	-15.6	134,390	119,033	12.9						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below), Total	53,744	46,139	16.5	558,419 R	542,227	3.0						
Oriented Film	45,379	35,546	27.7	455,411 R	418,692	8.8						
Non-Oriented Film	8,365	10,593	-21.0	103,008	123,535	-16.6						
Sheet (Over 10 Mils), Total	11,306	10,655	6.1	125,202	117,123	6.9						
Packaging	D	N/A		D	N/A							
Non-Packaging	D	N/A		D	N/A							
Extrusion Coating	1,657	D5		18,913	D5							
Wire and Cable	D5	D5		D5	D5							
Fiber and Filaments, Total	166,710	141,809	17.6	1,927,421	1,814,987	6.2						
Textile Applications	156,574	133,555	17.2	1,818,245	1,720,935	5.7						
Nonwovens	49,482	44,611	10.9	548,760	473,363	15.9						
Monofilament & Multifilament Fibers	51,799	36,372	42.4	631,478	704,686	-10.4						
Slit Film Fibers	55,293	52,572	5.2	638,007	542,886	17.5						
Non-Textile Monofilaments	10,136	8,254	22.8	109,176	94,052	16.1						
Pipe and Conduit	D5	D5		D5	D5							
Other Extruded Products	11,797	6,713	N/C	118,237	88,939	N/C						
Resellers/Distributors/Compounders, Total	115,185	118,768	-3.0	1,386,405	1,243,041	11.5						
Resellers	44,379	77,670 C	N/C	503,676	834,345 C	N/C						
Distributors	31,485	N/A		374,457	N/A							
Compounders	39,321	41,098	-4.3	508,272	408,696	24.4						
All Other Uses	7,732	9,732	-20.6	79,063 R	68,729	15.0						

D5 = Disclosure: Included in Other Extruded Products.
D = Disclosure
C = Reported as Resellers and Distributors in 1989.

N/C = Not Comparable
N/A = Not Available
R = Revision

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	NOVEMBER			*YEAR-TO-DATE*			*NOVEMBER*			*YEAR-TO-DATE*		
	1990	*1989*	*% CHG*	*1990*	*1989*	*%CHG*	*1990*	*1989*	*% CHG*	*1990*	*1989*	*% CHG*
POLYSTYRENE RESINS, TOTAL (E)	376,524	432,904	-13.0	4,781,795 R	4,775,163	0.1	382,329	413,945	-7.6	4,626,331 R	4,701,757	-1.6
Crystal (Solid) Polystyrene	213,009	234,680 A	N/C	2,570,673 R	2,566,129 A	N/C	139,937	218,634 A	N/C	1,820,126 R	2,563,537 A	N/C
Rubber Modified Polystyrene	163,515	198,224	-17.5	2,211,122 R	2,209,034	0.1	171,243	195,311	-12.3	2,113,705 R	2,138,220	-1.1
Expandable Polystyrene	D13			D13			71,149			692,500 R		
Exports, Total	15,907	20,898	-23.9	173,154 R	206,890	-16.3						
Crystal (Solid) Polystyrene	11,331	11,228 A	N/C	100,620 R	113,938 A	N/C						
Rubber Modified Polystyrene	4,576	9,670	-52.7	72,534 R	92,952	-22.0						
Expandable Polystyrene	D13			D13								
Domestic, Total	360,617	412,006	-12.5	4,608,641 R	4,568,273	0.9						
Molding	123,004	164,954	-25.4	1,617,213 R	1,865,838	-13.3						
Extrusion	164,083	163,670	0.3	2,214,821 R	1,916,637	15.6						
Expandable Polystyrene	64,566	65,403	-1.3	645,306 R	638,783	1.0						
Block	26,430	26,782	-1.3	254,048	248,631	2.2						
Shape	14,735	16,021	-8.0	143,503	140,646	2.0						
Loose Fill	D6	D6		D6	D6							
Other EPS	23,401	22,600	3.5	247,755 R	249,506	-0.7						
All Other Uses	8,964	17,979	-50.1	131,301 R	147,015	-10.7						
Polystyrene End-Uses, Total	360,617	412,006	-12.5	4,608,641 R	4,568,273	0.9						
Packaging & One Time Use	125,201	148,039 B	-15.4	1,765,361 R	1,748,918 B	0.9						
Consumer & Institutional Products	37,341	50,499	-26.1	491,401 R	640,244	-23.2						
Electrical/Electronics	54,758	59,341	-7.7	638,634 R	598,440	6.7						
Furniture,Furnishings,Bldg. & Construction	27,501	25,996	5.8	306,714 R	285,365	7.5						
Expandable Polystyrene	64,566	65,403	-1.3	645,306 R	638,783	1.0						
Resellers and Compounders	40,243	43,565	-7.6	573,723 R	489,215	17.3						
All Other End-Uses	11,007	19,163	-42.6	187,502 R	167,308	12.1						

E = Estimate -- Data includes estimates for one company.

D13 = Included in Crystal(Solid) Polystyrene

A = Reported as Straight Polystyrene in 1989

B = Consists of Packaging & Disposable Food Serviceware lines reported in 1989.

N/C = Not Comparable

D = Disclosure

D6 = Disclosure: Included in Other EPS

R = Revision

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	NOVEMBER			*YEAR-TO-DATE*			*NOVEMBER*			*YEAR-TO-DATE*		
	1990	*1989*	*% CHG*	*1990*	*1989*	*%CHG*	*1990*	*1989*	*% CHG*	*1990*	*1989*	*% CHG*
ABS (ACRYLONITRILE-BUTADIENE-STYRENE), TOTAL	78,764	85,036	-7.4	1,089,426	1,134,098	-3.9	91,083	70,703	28.8	1,084,515	1,173,804	-7.6
SAN (STYRENE-ACRYLONITRILE), TOTAL	8,457	7,397	14.3	125,180	100,457	24.6	9,957	6,323	57.5	123,802	104,773	18.2
Total Exports	4,237	1,229	244.8	48,338	31,154	55.2						
Total Domestic	4,220	6,168	-31.6	76,842	69,303	10.9						
OTHER STYRENICS (40% OR MORE STYRENE), TOTAL	12,503	11,467	9.0	139,615	141,523	-1.3	12,752	8,934	42.7	132,059	126,204	4.6
ABS, SAN, & OTHER STYRENICS, TOTAL	99,724	103,900	-4.0	1,354,221	1,376,078	-1.6	113,792	85,960	32.4	1,340,376	1,404,781	-4.6
Total Exports	20,309	N.R. 1		216,649	N.R. 1							
Total Domestic	79,415	103,900	N/C	1,137,572	1,376,078	N/C						
Electrical/Electronics	D2	N.R. 2		D2	N.R. 2							
Building & Construction	9,276	9,811	-5.5	125,011	135,414	-7.7						
Transportation	29,627	29,579	0.2	354,511	361,396	-1.9						
Consumer & Institutional	12,670	N.R. 2		161,980	N.R. 2							
All Other Uses	27,842	64,510	N/C	496,070	879,268	N/C						
*STYRENE BASED LATEXES, TOTAL**	87,907	86,000	2.2	1,001,923	954,756	4.9	82,756	87,189	-5.1	948,236	922,748	2.8
Carpet Backing	30,136	31,526	-4.4	367,723	351,058	4.7						
All Other Uses	57,771	54,474 J	6.1	634,200	603,698 J	5.1						
NYLON RESINS, TOTAL(6)	50,078	49,342	1.5	536,693	539,215	-0.5	N/A	N/A		N/A	N/A	
Imports, Total							N/A	N/A		N/A	N/A	
Exports, Total	6,892	6,006	14.8	72,497	71,644	1.2						
Domestic, Total	43,186	43,336	-0.3	464,196	467,571	-0.7	38,017	44,111	-13.8	519,993	526,233	-1.2
Injection Molding Grade	28,211	26,646	5.9	277,412	281,132	-1.3						
Extrusion Grade	12,011	13,063	-8.1	144,129	138,343	4.2						
Resellers & Compounders	2,345	2,825	-17.0	33,306	34,987	-4.8						
All Other Uses	619	802	-22.8	9,349	13,109	-28.7						
Nylon End-Uses, Total	43,186	43,336	-0.3	464,196	467,571	-0.7						
Automotive and Truck	15,282	N/A		158,883	N/A							
Electrical and Electronic	4,934	N/A		55,661	N/A							
Appliances	1,497	N/A		13,775	N/A							
Film and Coating	6,604	N/A		71,359	N/A							
Wire and Cable	2,857	N/A		31,762	N/A							
Monofilament	1,349	N/A		19,034	N/A							
Consumer	1,503	N/A		19,429	N/A							
Industrial/Machinery	3,627	N/A		40,942	N/A							
All Other End-Uses	5,533	N/A		53,351	N/A							

N.R.1 – Not Reported; Included in Total Domestic and All Other Uses.
N.R.2 – Not Reported; Included in All Other Uses.
* – Styrene Based Latexes Sales include some Canadian produced material.
J = Consists of All Other Uses, Paper Treating, and Textile Treating Lines reported in 1989.
N/C – Not Comparable.

N/A = Not Available
(6) – Includes sales from imports.
D2 = Disclosure: Included in All Other Uses.

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	NOVEMBER			*YEAR-TO-DATE*			*NOVEMBER*			*YEAR-TO-DATE*		
	1990	*1989*	*% CHG*	*1990*	*1989*	*%CHG*	*1990*	*1989*	*% CHG*	*1990*	*1989*	*% CHG*
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (DRY RESIN CONTENT)	656,661	726,736	-9.6	8,388,176	7,876,434	6.5	741,759	741,336	0.1	8,363,649	7,863,825	6.4
Homopolymer Resins, Including Blending & Latex	601,245	667,767	-10.0	7,747,334	7,207,321	7.5	676,402	673,247	0.5	7,691,564	7,187,450	7.0
Copolymer Resins, Including Blending & Latex	12,903	15,761	-18.1	175,376	200,622	-12.6	21,408	23,001	-6.9	195,785	203,971	-4.0
Dispersion Resins	42,513	43,208	-1.6	465,466	468,491	-0.6	43,949	45,088	-2.5	476,300	472,404	0.8
Exports, Total	77,105	116,838	-34.0	829,549	826,788	0.3						
Domestic, Total	579,556	609,898	-5.0	7,558,627	7,049,646	7.2						
Calendering, Total	71,217	73,360	-2.9	929,995	845,699	10.0						
Flooring	14,268	18,530	-23.0	196,796	200,950	-2.1						
Textile	6,526	8,119	-19.6	90,529	110,096	-17.8						
All Other Calendering Uses	50,423	46,711	7.9	642,670	534,653	20.2						
Coating, Total	24,145	28,488	-15.2	305,315	334,337	-8.7						
Flooring	10,580	12,571	-15.8	135,123	141,754	-4.7						
Textile and Paper Coating	7,722	8,120	-4.9	89,806	97,753	-8.1						
Protective Coatings	3,325	4,311	-22.9	44,286	47,239	-6.3						
Adhesives & All Other Coating Uses	2,518	3,486	-27.8	36,100	47,591	-24.1						
Extrusion, Total	394,291	397,850	-0.9	5,179,441	4,719,905	9.7						
Wire and Cable	24,769	30,860	-19.7	343,664	359,044	-4.3						
Film and Sheet, Packaging	16,983	26,201	-35.2	270,704	297,685	-9.1						
Film and Sheet, Non-Packaging	2,154	2,275	-5.3	37,201	45,750	-18.7						
Siding, Siding Acc. & Moble Home Skirting	53,758	60,277	-10.8	773,727	709,045	9.1						
Rigid Pipe and Tubing (except fittings)	258,309	230,949	11.8	3,219,169	2,795,966	15.1						
All Other Extrusion Uses	38,318	47,288	-19.0	534,976	512,415	4.4						
Molding, Total	35,148	42,764	-17.8	465,040	482,203	-3.6						
Bottles	16,209	20,233	-19.9	208,445	202,302	3.0						
Fittings (Rigid Pipe and Tubing)	12,712	9,059	40.3	151,726	136,589	11.1						
All Other Molding Uses	6,227	13,472	-53.8	104,869	143,312	-26.8						
Paste Processes (except coating), Total	14,257	14,238	0.1	171,497	162,757	5.4						
Plastisol Formulation	8,369	7,498	11.6	95,295	87,989	8.3						
All Other Paste Process Uses	5,888	6,740	-12.6	76,202	74,768	1.9						
Resellers & Compounders	28,424	26,729	6.3	343,364	292,907	17.2						
All Other Uses	12,074	26,469	-54.4	163,975	211,838	-22.6						

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	NOVEMBER			*YEAR-TO-DATE*			*NOVEMBER*			*YEAR-TO-DATE*		
	1990	*1989*	*% CHG*	*1990*	*1989*	*%CHG*	*1990*	*1989*	*% CHG*	*1990*	*1989*	*% CHG*
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)												
Exports, Total												
Domestic, Total												
Emulsion Paints												
Adhesives, Caulks and Sealants												
Paper Treating & Paper Coating												
Textile Treating												
Non-Woven Binders												
All Other Uses												
POLYVINYL ALCOHOL, TOTAL (3)												
Exports, Total												
Domestic, Total												
OTHER VINYL RESINS, TOTAL (4)	18,877	15,631	20.8	176,690	182,926	-3.4	19,550	17,490	11.8	204,059	202,434	0.8
Exports, Total	5,986	5,399	10.9	61,744	65,183	-5.3						
Domestic, Total	12,891	10,232	26.0	114,946	117,743	-2.4						
THERMOPLASTIC POLYESTER, TOTAL (6)	155,931	145,872	6.9	1,731,155	1,559,031	11.0	159,715	127,678	25.1	1,712,792	1,485,196	15.3
Exports, Total	36,298	20,096	80.6	342,127	266,772	28.2						
PET Bottle Grade Resin, Exports	D	D		D	D							
All Other Exports	D	D		D	D							
Domestic, Total	119,633	125,776	-4.9	1,389,028	1,292,259	7.5						
Domestic PET	N.R.	N.R.		N.R.	N.R.							
Solid State Phase Resin	D12	D12		D12	D12							
PET Bottle Grades	83,540	85,371	-2.1	966,727	867,146	11.5						
PET/PBT Resellers & Compounders	N.R.4	N/A		N.R.4	N/A							
All Other Thermoplastic Polyester	36,093	40,405	-10.7	422,301	425,113	-0.7						

(2) - The publishing of PVAC data has been suspended.

(3) - The publishing of PVOH data has been suspended.

(4) - Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

D12 = Disclosure: Included in All Other Thermoplastic Polyester.

N.R.4 = Not Reported: Included in All Other Thermoplastic Polyester.

N.R. = Not Reported

D = Disclosure

(6) - Includes sales from imports.

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The Society of the
Plastics Industry, Inc.

SPI

MonthlyStatisticalReport-Resins

1275 K Street, N.W., #400
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(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

OCTOBER 31, 1990

DATA FOR CALCULATING APPARENT CONSUMPTION OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: January 15, 1991

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(Millions of pounds, dry weight basis)(1)

OCTOBER 1990

RESIN KIND	OCTOBER				YEAR-TO-DATE			
	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*
EPOXY RESIN, TOTAL	39.3	34.8	1.8	8.1	423.9 R	327.8 R	16.1	69.7
POLYESTER (UNSATURATED) RESINS, TOTAL	101.2	101.1	0.5	13.9	1,071.9	1,044.8 R	6.4	88.4
UREA RESINS, TOTAL **	133.3	127.1	2.0	3.2	1,290.0	1,240.3	16.9	33.7
MELAMINE RESINS, TOTAL **	18.5	15.7	0.5	2.2	169.7	148.1	4.1	13.7
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	262.0	261.5	3.7	6.9	2,531.0	2,494.2	35.1	81.8
THERMOSETTING RESINS, TOTAL	554.3	540.2	8.5	34.3	5,486.5 R	5,255.2 R	78.6	287.3
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	647.4	595.5	21.4	73.9	6,064.2	5,300.8 R	198.7	650.9
LINEAR LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	323.9	424.7	63.1	34.0	3,135.5	3,746.8 R	686.4	235.9
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	754.5	738.2	44.1	88.3	6,855.8 R	6,560.9 R	426.4	738.6
POLYPROPYLENE, TOTAL	704.3	579.7	5.4	166.6	6,870.2 R	5,614.8	47.0	1,482.2
ABS RESINS, TOTAL ** (ACRYLONITRILE-BUTADIENE-STYRENE)	118.9	109.4	6.0	22.4	993.4	1,010.7	66.2	156.6
SAN (STYRENE-ACRYLONITRILE) RESINS, TOTAL	14.2	7.4	0.3	8.9	113.8	72.6	5.3	66.8
OTHER STYRENICS **	101.3	106.0	0.5	21.1	984.8	1,041.1	3.8	151.8
POLYSTYRENE RESINS, TOTAL	430.5	430.8	4.6	25.1	4,239.1	4,239.7	69.0	248.8
NYLON RESINS, TOTAL (6)	51.0	43.4	7.5	13.9	482.0	421.0	66.9	132.2
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	801.0	742.6	12.5	65.4	7,621.9 R	6,979.1	121.9	740.0
VINYL ACETATE MONOMER								
FOR POLYVINYL ACETATE, TOTAL (4)								
POLYVINYL ALCOHOL, TOTAL (4)								
OTHER VINYL RESINS	20.0	10.0	N/A	N/A	184.5	102.1	N/A	N/A
THERMOPLASTIC POLYESTER, TOTAL (6)	152.0	127.2	7.3	38.0	1,553.1	1,269.4	61.7	382.4
THERMOPLASTIC RESINS, TOTAL	4,119.0	3,914.9	172.7	557.6	39,098.3 R	36,359.0 R	1,753.3	4,986.2
GRAND TOTAL	4,673.3	4,455.1	181.2	591.9	44,584.8 R	41,614.2 R	1,831.9	5,273.5

(1) = Except phenolic resins which are reported on a gross weight basis.

(4) = The publishing of PVOH + PVAC data is temporarily suspended.

* Except for Epoxy Resin, Bureau of Census exports will differ from exports published in the SPI Monthly Statistical Report.

** = Domestic Sales include Exports.

(6) = Data Includes Sales from Imports.

Monthly and Year-To-Date totals may not agree due to government revisions and rounding.

N/A = Not Available
R = Revision

Sources:
Sales and Production – SPI Monthly Statistical Report
Imports – Bureau of the Census (IM 145)
Exports – Bureau of the Census (EM 545)

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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The Society of the
Plastics Industry, Inc.

Monthly Statistical Report-Resins

SPI

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Washington, D.C. 20005
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FOR THE MONTH AND PERIOD ENDED

DECEMBER 31, 1990

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING & THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

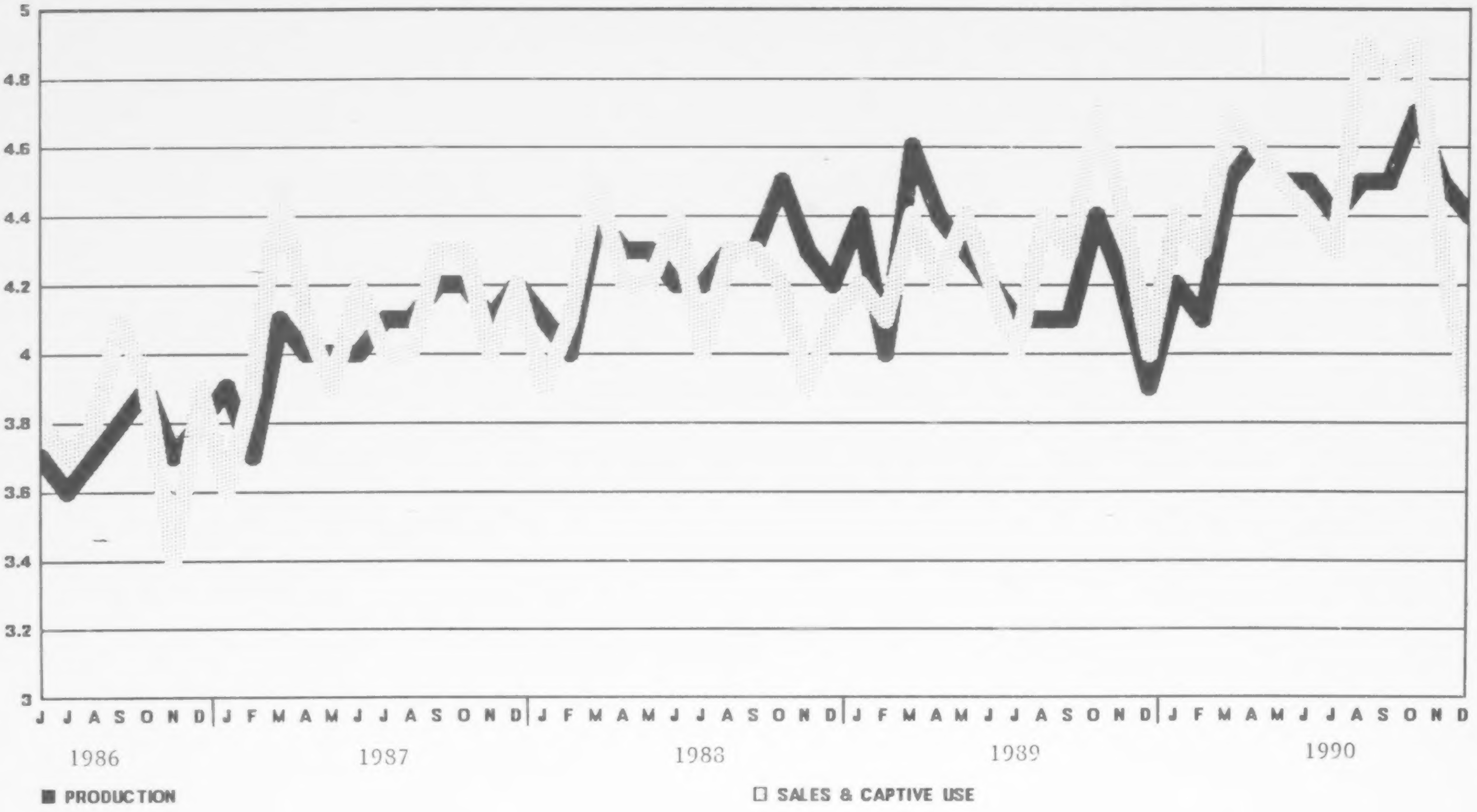
Release Date: February 14, 1991

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(BILLIONS OF POUNDS)

DECEMBER 1990



THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

MONTHLY STATISTICAL REPORT

(Thousands of pounds, dry weight basis)(1)

DECEMBER 1990

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	DECEMBER			*YEAR-TO-DATE*			*DECEMBER*			*YEAR-TO-DATE*		
	1990	*1989*	*% CHG*	*1990*	*1989*	*% CHG*	*1990*	*1989*	*% CHG*	*1990*	*1989*	*% CHG*
EPOXY RESIN, TOTAL	34,064	35,907	-5.1	484,120	481,634	0.5	34,989	35,087	-0.3	499,321	509,438	-2.0
POLYESTER (UNSATURATED) RESINS, TOTAL	68,107	82,492	-17.4	1,211,315 R	1,301,910	-7.0	67,343	85,294	-21.0	1,221,160	1,319,363	-7.4
UREA RESINS, TOTAL	97,292	118,334	-17.8	1,497,331 R	1,465,327	2.2	97,603	119,969	-18.6	1,495,531	1,476,447	1.3
MELAMINE RESINS, TOTAL	12,926	14,608	-11.5	175,981 R	212,883	-17.3	15,395	16,826	-8.5	201,986	222,379	-9.2
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	200,974	220,995	-9.1	2,938,029 R	2,862,938	2.6	201,950	221,258	-8.7	2,946,276	2,879,094	2.3
THERMOSETTING RESINS, TOTAL	413,363	472,336	-12.5	6,306,776 R	6,324,692	-0.3	417,280	478,434	-12.8	6,364,274	6,406,721	-0.7
LOW-DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	546,717	572,478	-4.5	7,184,296 R	6,916,125	3.9	601,549	519,731	15.7	7,283,112 R	6,575,120	10.8
LINEAR-LOW DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	353,249	357,204	-1.1	4,710,367 R	3,886,707	21.2	394,510	284,530	38.7	3,893,245 R	3,119,803	24.8
HIGH-DENSITY POLYETHYLENE (ABOVE 0.940), TOTAL	717,715	624,787	14.9	8,709,214 R	8,172,833	6.6	740,669	580,301	27.6	8,333,667 R	8,102,112	2.9
POLYPROPYLENE, TOTAL	615,180	584,464	5.3	8,238,623 R	7,302,926	12.8	679,520	588,069	15.6	8,318,304 R	7,238,026	14.9
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	64,790	82,965	-21.9	1,160,016 R	1,217,063	-4.7	79,840	86,662	-7.9	1,165,155	1,260,466	-7.6
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	9,239	7,583	21.8	134,399 R	108,040	24.4	9,893	7,881	25.5	134,073	112,654	19.0
POLYSTYRENE RESINS, TOTAL	302,435	355,384	-14.9	5,082,235 R	5,130,547	-0.9	388,942	401,807	-3.2	5,011,986 R	5,103,564	-1.8
STYRENE BASED LATEXES, TOTAL ***	75,369	73,241	2.9	1,077,292	1,027,997	4.8	75,570	74,614	1.3	1,024,291 R	997,362	2.7
OTHER STYRENICS, TOTAL (40% or More Styrene)	11,137	10,318	7.9	150,852	151,841	-0.7	13,415	10,947	22.5	145,474	137,151	6.1
NYLON RESINS (6)	44,492	41,271	7.8	581,185	580,486	0.1	35,579	42,398	-16.1	555,572	568,631	-2.3
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	600,485	616,777	-2.6	8,989,408 R	8,493,211	5.8	724,797	613,810	18.1	9,088,446	8,477,635	7.2
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)	N/A	N/A		N/A	N/A		N/A	N/A		N/A	N/A	
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
OTHER VINYL RESINS (4)	21,346	18,126	17.8	198,036	201,052	-1.5	21,701	17,964	20.8	225,760	220,398	2.4
THERMOPLASTIC POLYESTER, TOTAL (6)	174,250	148,308	17.5	1,905,405	1,707,339	11.6	167,156	144,864	15.4	1,878,629 R	1,630,060	15.2
THERMOPLASTIC RESINS, TOTAL	3,536,404	3,492,906	1.2	48,121,328 R	44,896,167	7.2	3,933,141	3,373,578	16.6	47,057,714 R	43,542,982	8.1
GRAND TOTAL	3,949,767	3,965,242	-0.4	54,428,104 R	51,220,859	6.3	4,350,421	3,852,012	12.9	53,421,988 R	49,949,703	7.0

(1) = Except phenolic resins which are reported on a gross weight basis.

*** = Sales and Captive Use figures include some Canadian produced materials.

(2) = The publishing of PVAC has been suspended.

D = Disclosure.

N/A = Not Available.

(3) = The publishing of PVOH data has been suspended.

(4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

(6) = Data Includes Sales from Imports.

R = Revision.

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	DECEMBER			*YEAR-TO-DATE*			*DECEMBER*			*YEAR-TO-DATE*		
	1990	*1989*	*% CHG*	*1990*	*1989*	*% CHG*	*1990*	*1989*	*% CHG*	*1990*	*1989*	*% CHG*
EPOXY RESIN, TOTAL	34,064	35,907	-5.1	484,120	481,634	0.5	34,989	35,087	-0.3	499,321	509,438	-2.0
Exports, Total	6,156	8,713	-29.3	83,988	86,033	-2.4						
Captive Use, Total	1,014	947	7.1	16,272	17,784	-8.5						
Domestic Sales, Total	26,894	26,247	2.5	383,860	377,817	1.6						
Domestic Sales & Captive Use,Total	27,908	27,194	2.6	400,132	395,601	1.1						
Bonding & Adhesives	1,760	1,841	-4.4	28,023	24,819	12.9						
Flooring, Paving & Exposed Aggregate	1,894	1,959	-3.3	26,920	24,744	8.8						
Protective Coatings	14,323	13,822	3.6	198,218	192,496	3.0						
Fiber Reinforced Laminates & Composites	5,225	5,185	0.8	81,272	82,699	-1.7						
FRL&C for Printed Wiring Board	3,126	3,625	-13.8	52,382	56,766	-7.7						
All Other FRL&C	2,099	1,560	34.6	28,890	25,933	11.4						
Tooling, Casting & Molded Resins	2,011	2,024	-0.6	28,430	29,773	-4.5						
All Other Uses	2,695	2,363	14.0	37,269	41,070	-9.3						
POLYESTER (UNSATURATED) RESINS, TOTAL (E)	68,107	82,492	-17.4	1,211,315 R	1,301,910	-7.0	67,343	85,294	-21.0	1,221,160	1,319,363	-7.4
Total Exports	1,292	1,350	-4.3	21,356 R	24,236	-11.9						
Total Domestic	66,815	81,142	-17.7	1,189,959 R	1,277,674	-6.9						
General Purpose Resins, Total	55,591	69,014	-19.4	1,017,156 R	1,099,276	-7.5						
General Purpose - Thixotropic	19,288	27,168	-29.0	383,287 R	478,861	-20.0						
General Purpose - Press Molding	7,575	8,950	-15.4	138,285 R	130,958	5.6						
General Purpose - Panel	5,496	N/A		81,458	N/A							
General Purpose - All Other	23,232	32,896	-29.4	414,126	489,457	-15.4						
Flame Retardant Resins	1,610	2,142	-24.8	23,965	24,354	-1.6						
Chemical Resistant Resins, Total	9,614	9,986	-3.7	148,838 R	154,044	-3.4						
Chemical Resistant Isophthalic Resins	6,589	7,335	-10.2	104,218 R	115,649	-9.9						
All Other Chemical Resistant Resins	3,025	2,651	14.1	44,620	38,395	16.2						
Reinforced Plastic, Total	49,539	58,450	-15.2	878,967 R	949,829	-7.5						
Non-Reinforced Plastics, Total	17,276	22,692	-23.9	310,992 R	327,845	-5.1						

(E) = Estimate - Data includes estimates for one company.

R = Revision.

N/A = Not Available

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)(1)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	DECEMBER			*YEAR-TO-DATE*			*DECEMBER*			*YEAR-TO-DATE*		
	1990	*1989*	*% CHG*	*1990*	*1989*	*%CHG*	*1990*	*1989*	*% CHG*	*1990*	*1989*	*% CHG*
UREA RESINS, TOTAL (E)	97,292	118,334	-17.8	1,497,331 R	1,465,327	2.2	97,603	119,969	-18.6	1,495,531	1,476,447	1.3
MELAMINE RESINS, TOTAL (E)	12,926	14,608	-11.5	175,981 R	212,883	-17.3	15,395	16,826	-8.5	201,986	222,379	-9.2
UREA & MELAMINE RESINS, TOTAL (E)	110,218	132,942	-17.1	1,673,312 R	1,678,210	-0.3	112,998	136,795	-17.4	1,697,517	1,698,826	-0.1
Total Exports	D1	D1		D1	D1							
Total Domestic	110,218	132,942	-17.1	1,673,312 R	1,678,210	-0.3						
Textile Coating & Treating Resins	2,437	1,668	46.1	34,219 R	24,620	39.0	3,281	3,257	0.7	45,632	32,175	41.8
Paper Coating & Treating Resins	4,112	5,250	-21.7	57,120	62,875	-9.2	4,337	5,368	-19.2	59,020	64,883	-9.0
Molding Compounds	D2	D2		D2	D2		D2	D2		D2	D2	
Bonding & Adhesive Resins for:-	87,367	107,083	-18.4	1,313,900 R	1,344,210	-2.3	86,233	107,075	-19.5	1,310,839	1,338,483	-2.1
Laminating	1,134	3,955	-71.3	18,755	72,681	-74.2	1,120	3,788	-70.4	19,415	62,771	-69.1
Plywood	4,436	5,305	-16.4	58,834	66,804	-11.9	4,504	5,497	-18.1	59,345	68,531	-13.4
Fibrous & Granulated Wood (Particle Board)	81,797	97,823	-16.4	1,236,311 R	1,204,725	2.6	80,609	97,790	-17.6	1,232,079	1,207,181	2.1
Protective Coatings (Straight & Modified)	7,536	7,351	2.5	104,173	108,233	-3.8	10,667	10,130	5.3	137,373	136,031	1.0
All Other Uses	8,766	11,590	-24.4	163,900 R	138,272	18.5	8,480	10,965	-22.7	144,653	127,254	13.7
PHENOLIC & OTHER TAR ACID RESINS, TOTAL (E)	200,974	220,995	-9.1	2,938,029 R	2,862,938	2.6	201,950	221,258	-8.7	2,946,276	2,879,094	2.3
Total Exports	975	2,127	-54.2	21,659	19,712	9.9						
Total Domestic	199,999	218,868	-8.6	2,916,370 R	2,843,226	2.6						
Molding Compounds	12,517	13,024	-3.9	169,428	176,916	-4.2	13,596	11,763	15.6	184,706	186,164	-0.8
Bonding & Adhesive Resins for:	184,301	202,946	-9.2	2,706,203 R	2,621,822	3.2	185,388	207,704	-10.7	2,714,292	2,643,961	2.7
Laminating	10,549	13,229	-20.3	168,037	215,453	-22.0	10,500	13,086	-19.8	168,740	220,242	-23.4
Coated & Bonded Abrasives	1,679	2,492	-32.6	26,536	23,942	10.8	1,952	3,710	-47.4	26,261	27,510	-4.5
Friction Materials	2,936	3,081	-4.7	46,157	41,251	11.9	3,249	2,353	38.1	47,784	41,554	15.0
Insulation Materials	30,139	30,774	-2.1	423,119 R	414,899	2.0	30,158	32,010	-5.8	420,902	420,705	0.0
Foundry & Shell Molding	5,761	6,939	-17.0	79,778	59,775	33.5	6,000	7,075	-15.2	80,178	61,104	31.2
Plywood	D3	114,452		D3	1,463,466		D3	114,382		D3	1,463,118	
Fibrous and Granulated Wood	D3	D3		D3	D3		D3	D3		D3	D3	
Resins Sold to Rubber Industry	D3	1,232		D3	13,654		D3	1,992		D3	15,049	
All Other	133,237	30,747	N/C	1,962,576	389,382	N/C	133,529	33,096	N/C	1,970,427	394,679	N/C
Protective Coatings - Unmodified & Modified	D2	910		D2	13,397		D2	696		D2	14,172	
Resins Sold to Rubber Ind. - Non Adhesive Uses	D2	D2		D2	D2		D2	D2		D2	D2	
All Other Uses	3,181	1,988	N/C	40,739	31,091	N/C	2,966	1,095	N/C	47,278	34,797	N/C

(E) = Estimate – Data include estimates for one company.
D1 = Disclosure: Included in Domestic, Total and All Other Uses.
D2 = Disclosure: Included in All Other Uses.
D3 = Disclosure: Included in All Other Bonding & Adhesive Resins.

(1) = Phenolic is on a Gross Weight Basis.
N/C = Not Comparable.
R = Revision.

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
LOW DENSITY POLYETHYLENE - 0.940 & BELOW, TOTAL (6)	546,717	572,478	-4.5	7,184,296 R	6,916,125	3.9	612,552	530,348	15.5	7,472,213 R	6,695,515	11.6
Imports, Total							11,003	10,617	3.6	189,101 R	120,395	57.1
Exports, Total	99,962	101,858	-1.9	900,309 R	947,980	-5.0						
Domestic, Total	446,755	470,620	-5.1	6,283,987 R	5,968,145	5.3	601,549	519,731	15.7	7,283,112 R	6,575,120	10.8
Film (12 Mils & Below)	258,632	281,660	-8.2	3,752,316 R	3,443,543	9.0						
Packaging Film	177,163	205,613	-13.8	2,563,703 R	2,368,562	8.2						
Food Packaging Film	86,564	99,799	-13.3	1,193,192 R	1,132,747	5.3						
Non-Food Packaging Film	73,124	82,914	-11.8	1,081,169 R	988,788	9.3						
Shrink Film	10,397	D10		163,624 R	D10							
Stretch Film	7,078	22,900	N/C	125,718 R	247,027	N/C						
Non-Packaging Film	81,469	76,047	7.1	1,188,613 R	1,074,981	10.6						
Carry-Out Bags	13,129	6,758	94.3	152,212 R	105,423	44.4						
Trash and Can Liners	25,111	23,241	8.0	373,342 R	371,872	0.4						
Other Non-Packaging Film	43,229	46,048	-6.1	663,059 R	597,686	10.9						
Sheet (Over 12 Mils)	11,214	5,565	101.5	79,754 R	79,403	0.4						
Injection Molding	20,353	34,288	-40.6	363,028 R	413,131	-12.1						
Injection Molded Lids	5,155	4,252	21.2	80,903 R	52,229	54.9						
Injection Molded Housewares	2,147	3,862	-44.4	48,478 R	51,146	-5.2						
Other Injection Molding	13,051	26,174	-50.1	233,647 R	309,756	-24.6						
Wire and Cable	13,706	D5		229,694 R	D5							
Extrusion Coating	56,881	D5		779,185 R	D5							
Blow Molding	4,182	3,415	22.5	61,619 R	60,042	2.6						
Pipe and Conduit, Total	D5	D5		D5	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	6,022	85,102	N/C	92,452 R	1,066,090	N/C						
Rotomolding	D2	D2		D2	D2							
Resellers & Compounders, Total	50,641	37,915	33.6	578,437	523,317	10.5						
Resellers	31,757	25,573	24.2	398,396	391,971	1.6						
Compounders	18,884	12,342	53.0	180,041	131,346	37.1						
Adhesives and Sealants	8,689	D2		109,505	D2							
All Other Uses	16,435	22,675	N/C	237,997	382,619	N/C						

D2 = Disclosure: Included in All Other Uses.
D5 = Disclosure: Included in Other Extruded Products.
R = Revision.

D10 = Disclosure: Included in Stretch Film.
(6) = Sales Include Imports.

D = Disclosure
N/C = Not Comparable

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	DECEMBER			*YEAR-TO-DATE*			*DECEMBER*			*YEAR-TO-DATE*		
	1990	*1989*	*% CHG*	*1990*	*1989*	*%CHG*	*1990*	*1989*	*% CHG*	*1990*	*1989*	*% CHG*
LINEAR LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	353,249	357,204	-1.1	4,710,367 R	3,886,707	21.2	464,064	348,127	33.3	4,750,907 R	3,791,358	25.3
Imports, Total							69,554	63,597	9.4	857,662 R	671,555	27.7
Exports, Total	36,902	21,525	71.4	274,050 R	173,720	57.8						
Domestic, Total	316,347	335,679	-5.8	4,436,317 R	3,712,987	19.5	394,510	284,530	38.7	3,893,245 R	3,119,803	24.8
Film (12 Mils & Below)	195,238	228,632	-14.6	2,917,770 R	2,402,746	21.4						
Packaging Film	88,552	105,665	-16.2	1,270,490 R	1,097,376	15.8						
Food Packaging Film	19,511	19,886	-1.9	230,775 R	196,836	17.2						
Non-Food Packaging Film	49,109	57,786	-15.0	710,336 R	618,193	14.9						
Shrink Film	D10	D10		D10	D10							
Stretch Film	19,932	27,993	-28.8	329,379 R	282,347	16.7						
Non-Packaging Film	106,686	122,967	-13.2	1,647,280 R	1,305,370	26.2						
Carry-Out Bags	15,031	18,101	-17.0	246,538 R	197,727	24.7						
Trash and Can Liners	71,413	83,369	-14.3	1,078,965 R	894,049	20.7						
Other Non-Packaging Film	20,242	21,497	-5.8	321,777 R	213,594	50.6						
Sheet (Over 12 Mils)	3,447	1,027	235.6	23,874 R	26,547	-10.1						
Injection Molding	39,463	42,789	-7.8	542,266 R	444,976	21.9						
Injection Molded Lids	14,913	21,634	-31.1	180,302 R	210,724	-14.4						
Injection Molded Housewares	21,462	12,520	71.4	244,320 R	156,352	56.3						
Other Injection Molding	3,088	8,635	-64.2	117,644 R	77,900	51.0						
Wire and Cable	7,542	D5		132,234 R	D5							
Extrusion Coating	D5	D5		D5	D5							
Blow Molding	1,818	1,252	45.2	26,192	19,371	35.2						
Pipe and Conduit, Total	5,377	D5		56,215	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	1,675	14,763	N/C	30,450 R	228,240	N/C						
Rotomolding	26,754	D2		319,760	D2							
Resellers & Compounders, Total	28,226	19,564	44.3	263,173	212,767	23.7						
Resellers	16,331	12,121	34.7	131,482 R	149,256	-11.9						
Compounders	11,895	7,443	59.8	131,691 R	63,511	107.4						
Adhesives and Sealants	D2	D2		D2	D2							
All Other Uses	6,807	27,652	N/C	124,383	378,340	N/C						

D2 = Disclosure: Included in All Other Uses.
D5 = Disclosure: Included in Other Extruded Products.
D10 = Disclosure: Shrink Film is Included in Stretch Film.

(6) = Sales Include Imports.
R = Revision.

D = Disclosure
N/C = Not Comparable

THE SOCIETY OF THE PLASTICS INDUSTRY
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(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
HIGH DENSITY POLYETHYLENE – ABOVE 0.940. TOTAL	717,715	624,787	14.9	8,709,214 R	8,172,833	6.6	740,669	580,301	27.6	8,333,667 R	8,102,112	2.9
Exports, Total	85,820	76,673	11.9	727,061 R	922,746	-21.2						
Domestic, Total	631,895	548,114	15.3	7,982,153 R	7,250,087	10.1						
Film (12 Mils & Below)	76,399	81,286	-6.0	926,175 R	830,839	11.5						
Packaging Film	17,746	26,121	-32.1	245,164 R	214,100	14.5						
Food Packaging Film	13,080	13,841	-5.5	173,139 R	144,439	19.9						
Non-Food Packaging Film	4,666	12,280	-62.0	72,025 R	69,661	3.4						
Non-Packaging Film	58,653	55,165	6.3	681,011 R	616,739	10.4						
Retail Bags	44,585	26,987 F	N/C	502,929 R	306,092 F	N/C						
Grocery Sacks & T-Shirt Bags	22,306	N/A		240,702 R	N/A							
All Other Retail Bags	6,600	N/A		79,334 R	N/A							
Trash Bags/Can Liners	15,679	D9		182,893 R	D9							
All Other Non-Packaging Film	14,068	28,176	N/C	178,082 R	310,647	N/C						
Sheet (Over 12 Mils)	19,492	18,943	2.9	370,575 R	303,915	21.9						
Injection Molding, Total	123,262	105,975	16.3	1,616,053 R	1,451,188	11.4						
Pails (5 gallons or less)	37,260	25,996	43.3	452,771 R	431,094	5.0						
Housewares	6,558	7,343	-10.7	106,605	109,838	-2.9						
Food Tubs/Containers & Drink Cups	23,046	18,073	27.5	315,570 R	256,947	22.8						
Crates and Totes	15,293	14,034	9.0	225,457 R	178,836	26.1						
Toys/Novelties/Sporting Goods	3,342	N/A		57,892 R	N/A							
Caps and Closures	7,942	N/A		108,111 R	N/A							
All Other Injection Molding	29,821	40,529	N/C	349,647 R	474,473	N/C						
Wire and Cable	10,468	9,366	11.8	163,549 R	152,586	7.2						
Blow Molding, Total	220,716	200,820	9.9	2,914,897 R	2,879,187	1.2						
Motor Oil Bottles	16,495	10,829	52.3	229,270 R	190,833	20.1						
Liquid Food Bottles	73,925	72,770	1.6	971,192 R	904,590	7.4						
Household Chemical Bottles	73,882	70,006	5.5	920,587 R	900,896	2.2						
Industrial Drums	7,900	16,182 G	N/C	136,164 R	255,494 G	N/C						
Gas Tanks, All Uses	2,226	N/A		36,322 R	N/A							
Pharm., Cosmetics, & Toiletries	14,740	N/A		222,056 R	N/A							
All Other Blow Molding	31,548	31,033	N/C	399,306 R	627,374	N/C						
Pipe and Conduit, Total	51,590	29,370	75.7	649,323 R	485,779	33.7						
Corrugated	6,632	6,934	-4.4	103,750 R	94,815	9.4						
Non-Corrugated	44,958	22,436	100.4	545,573 R	390,964	39.5						
Gas Distribution	12,381	N/A		196,733 R	N/A							
Water	D11	N/A		D11	N/A							
Industrial/Sewer	D11	N/A		D11	N/A							
All Other Non-Corrugated Pipe	32,577	N/A		348,840 R	N/A							
Other Extruded Products	3,185	4,906	-35.1	80,684 R	67,120	20.2						
Rotomolding	7,346	5,625	30.6	84,346 R	71,661	17.7						
Reseller & Compounders, Total	102,260	66,587	53.6	884,571 R	724,742	22.1						
Resellers	97,645	62,044	57.4	831,855 R	662,043	25.6						
Compounders	4,615	4,543	1.6	52,716 R	62,699	-15.9						
All Other HDPE	17,177	25,236	-31.9	291,980 R	283,050	3.2						

D9 = Disclosure: Included in Other Non-Packaging Film.
D11 = Disclosure: Included in All Other Non-Corrugated Pipe.
N/C = Not Comparable.

N/A = Not Available.
R = Revision.

F = Reported as Carry Out Bags in 1989.
G = Reported as Large Containers in 1989.

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RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	DECEMBER			*YEAR-TO-DATE*			*DECEMBER*			*YEAR-TO-DATE*		
	1990	*1989*	*% CHG*	*1990*	*1989*	*%CHG*	*1990*	*1989*	*% CHG*	*1990*	*1989*	*% CHG*
POLYPROPYLENE, TOTAL	615,180	584,464	5.3	8,238,623 R	7,302,926	12.8	679,520	588,069	15.6	8,318,304 R	7,238,026	14.9
Exports, Total	155,544	126,716	22.8	1,630,524	1,198,310	36.1						
Domestic, Total	459,636	457,748	0.4	6,608,099 R	6,104,616	8.2						
Injection Molding, Total	120,906	126,431	-4.4	1,921,065 R	1,779,220	8.0						
Appliances	8,543	10,414	-18.0	175,075	159,769	9.6						
Consumer Products	39,244	39,529	-0.7	635,464 R	563,909	12.7						
Rigid Packaging	47,046	44,997	4.6	647,081 R	601,349	7.6						
Transportation	13,520	15,585	-13.2	289,229	265,515	8.9						
All Other Injection Molding	12,553	15,906	-21.1	174,216 R	188,678	-7.7						
Blow Molding	8,623	9,815	-12.1	142,965 R	128,848	11.0						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below), Total	40,855	41,317	-1.1	599,718 R	583,544	2.8						
Oriented Film	32,818	32,358	1.4	489,254 R	451,050	8.5						
Non-Oriented Film	8,037	8,959	-10.3	110,464 R	132,494	-16.6						
Sheet (Over 10 Mils), Total	15,569	10,903	42.8	140,771	128,026	10.0						
Packaging	D	N/A		D	N/A							
Non-Packaging	D	N/A		D	N/A							
Extrusion Coating	1,159	D5		18,833 R	D5							
Wire and Cable	D5	D5		D5	D5							
Fiber and Filaments, Total	145,942	139,448	4.7	2,074,824 R	1,954,435	6.2						
Textile Applications	137,863	133,503	3.3	1,957,264 R	1,854,438	5.5						
Nonwovens	48,124	49,096	-2.0	596,884	522,459	14.2						
Monofilament & Multifilament Fibers	44,823	29,204	53.5	676,301	733,890	-7.8						
Slit Film Fibers	44,916	55,203	-18.6	684,079 R	598,089	14.4						
Non-Textile Monofilaments	8,079	5,945	35.9	117,560 R	99,997	17.6						
Pipe and Conduit	D5	D5		D5	D5							
Other Extruded Products	6,624	5,989	N/C	124,861	94,928	N/C						
Resellers/Distributors/Compounders, Total	116,337	120,805	-3.7	1,527,647 R	1,363,846	12.0						
Resellers	44,144	82,617 C	N/C	568,316 R	916,962 C	N/C						
Distributors	30,661	N/A		404,495 R	N/A							
Compounders	41,532	38,188	8.8	554,836 R	446,884	24.2						
All Other Uses	3,621	3,040	19.1	57,415 R	71,769	-20.0						

D5 = Disclosure: Included in Other Extruded Products.
D = Disclosure
C = Reported as Resellers and Distributors in 1989.

N/C = Not Comparable
N/A = Not Available
R = Revision

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RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	DECEMBER			*YEAR-TO-DATE*			*DECEMBER*			*YEAR-TO-DATE*		
	1990	*1989*	*% CHG*	*1990*	*1989*	*%CHG*	*1990*	*1989*	*% CHG*	*1990*	*1989*	*% CHG*
POLYSTYRENE RESINS, TOTAL	302,435	355,384	-14.9	5,082,235 R	5,130,547	-0.9	388,942	401,807	-7.6	5,011,986 R	5,103,564	-1.6
Crystal (Solid) Polystyrene	165,666	193,266 A	N/C	2,732,826 R	2,759,395 A	N/C	164,316	212,091 A	N/C	1,983,405 R	2,775,628 A	N/C
Rubber Modified Polystyrene	136,769	162,118	-15.6	2,349,409 R	2,371,152	-0.9	167,916	189,716	-12.3	2,281,234 R	2,327,936	-1.1
Expandable Polystyrene	D13			D13			56,710			747,347 R		
Exports, Total	22,529	17,512	28.6	195,683	224,402	-12.8						
Crystal (Solid) Polystyrene	13,393	9,279 A	N/C	114,013	123,217 A	N/C						
Rubber Modified Polystyrene	9,136	8,233	11.0	81,670	101,185	-19.3						
Expandable Polystyrene	D13			D13								
Domestic, Total	279,906	337,872	-17.2	4,886,552 R	4,906,145	-0.4						
Molding	110,003	141,640	-22.3	1,729,186 R	2,007,478	-13.9						
Extrusion	123,668	137,924	-10.3	2,338,306 R	2,054,561	13.8						
Expandable Polystyrene	40,518	45,202	-10.4	682,215 R	683,985	-0.3						
Block	11,985	13,774	-13.0	265,451 R	262,405	1.2						
Shape	7,348	9,090	-19.2	150,270 R	149,736	0.4						
Loose Fill	D6	D6		D6	D6							
Other EPS	21,185	22,338	-5.2	266,494 R	271,844	-2.0						
All Other Uses	5,717	13,106	-56.4	136,845 R	160,121	-14.5						
Polystyrene End-Uses, Total	279,906	337,872	-17.2	4,886,552 R	4,906,145	-0.4						
Packaging & One Time Use	102,097	125,813 B	-18.9	1,867,694 R	1,874,731 B	-0.4						
Consumer & Institutional Products	31,189	39,407	-20.9	521,966 R	679,651	-23.2						
Electrical/Electronics	45,837	49,173	-6.8	685,387 R	647,613	5.8						
Furniture,Furnishings,Bldg. & Construction	22,100	22,227	-0.6	329,148 R	307,592	7.0						
Expandable Polystyrene	40,518	45,202	-10.4	682,215 R	683,985	-0.3						
Resellers and Compounders	29,632	36,861	-19.6	604,201 R	526,076	14.9						
All Other End-Uses	8,533	19,189	-55.5	195,941 R	186,497	5.1						

D13 = Included in Crystal(Solid) Polystyrene
A = Reported as Straight Polystyrene in 1989.
B = Consists of Packaging & Disposable Food Serviceware lines reported in 1989.

N/C = Not Comparable
D = Disclosure
D6 = Disclosure: Included in Other EPS
R = Revision

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RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	DECEMBER			*YEAR-TO-DATE*			*DECEMBER*			*YEAR-TO-DATE*		
	1990	*1989*	*% CHG*	*1990*	*1989*	*%CHG*	*1990*	*1989*	*% CHG*	*1990*	*1989*	*% CHG*
ABS (ACRYLONITRILE–BUTADIENE–STYRENE), TOTAL	64,790	82,965	-21.9	1,160,016 R	1,217,063	-4.7	79,840	86,662	-7.9	1,165,155 R	1,260,466	-7.6
SAN (STYRENE–ACRYLONITRILE), TOTAL	9,239	7,583	21.8	134,399 R	108,040	24.4	9,893	7,881	25.5	134,073 R	112,654	19.0
Total Exports	4,905	2,350	108.7	52,491 R	33,504	56.7						
Total Domestic	4,334	5,233	-17.2	81,908 R	74,536	9.9						
OTHER STYRENICS (40% OR MORE STYRENE), TOTAL	11,137	10,318	7.9	150,852 R	151,841	-0.7	13,415	10,947	22.5	145,474	137,151	6.1
ABS, SAN, & OTHER STYRENICS, TOTAL	85,166	100,866	-15.6	1,445,267 R	1,476,944	-2.1	103,148	105,490	-2.2	1,444,702 R	1,510,271	-4.3
Total Exports	19,225	N.R. 1		239,222 R	N.R. 1							
Total Domestic	65,941	100,866	N/C	1,206,045 R	1,476,944	N/C						
Electrical/Electronics	D2	N.R. 2		D2	N.R. 2							
Building & Construction	12,212	12,905	-5.4	137,442 R	148,319	-7.3						
Transportation	14,400	22,833	-36.9	369,580 R	384,229	-3.8						
Consumer & Institutional	10,075	N.R. 2		172,381 R	N.R. 2							
All Other Uses	29,254	65,128	N/C	526,642 R	944,396	N/C						
STYRENE BASED LATEXES, TOTAL (E)*	75,369	73,241	2.9	1,077,292	1,027,997	4.8	75,570	74,614	1.3	1,024,291 R	997,362	2.7
Carpet Backing	25,050	28,162	-11.1	392,773	379,220	3.6						
All Other Uses	50,319	45,079 J	11.6	684,519	648,777 J	5.5						
NYLON RESINS, TOTAL(6)	44,492	41,271	7.8	581,185	580,486	0.1	N/A	N/A		N/A	N/A	
Imports, Total							N/A	N/A		N/A	N/A	
Exports, Total	7,596	5,684	33.6	80,093	77,328	3.6						
Domestic, Total	36,896	35,587	3.7	501,092	503,158	-0.4	35,579	42,398	-16.1	555,572	568,631	-2.3
Injection Molding Grade	22,624	22,030	2.7	300,036	303,162	-1.0						
Extrusion Grade	11,332	10,059	12.7	155,461	148,402	4.8						
Resellers & Compounders	1,832	2,780	-34.1	35,138	37,767	-7.0						
All Other Uses	1,108	718	54.3	10,457	13,827	-24.4						
Nylon End–Uses, Total	36,896	35,587	3.7	501,092	503,158	-0.4						
Automotive and Truck	13,543	N/A		172,426	N/A							
Electrical and Electronic	4,153	N/A		59,814	N/A							
Appliances	1,244	N/A		15,019	N/A							
Film and Coating	5,384	N/A		76,743	N/A							
Wire and Cable	2,279	N/A		34,041	N/A							
Monofilament	1,265	N/A		20,299	N/A							
Consumer	1,491	N/A		20,920	N/A							
Industrial/Machinery	3,295	N/A		44,237	N/A							
All Other End–Uses	4,242	N/A		57,593	N/A							

N.R.1 – Not Reported; Included in Total Domestic and All Other Uses.
N.R.2 – Not Reported; Included in All Other Uses.
* – Styrene Based Latexes Sales include some Canadian produced material.
J = Consists of All Other Uses, Paper Treating, and Textile Treating Lines reported in 1989.
E = Estimate – Data include estimates for one company.

N/C – Not Comparable.
N/A = Not Available.
(6) – Includes sales from imports.
D2 = Disclosure: Included in All Other Uses.

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RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	DECEMBER			*YEAR-TO-DATE*			*DECEMBER*			*YEAR-TO-DATE*		
	1990	*1989*	*% CHG*	*1990*	*1989*	*%CHG*	*1990*	*1989*	*% CHG*	*1990*	*1989*	*% CHG*
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (DRY RESIN CONTENT)	600,485	616,777	-2.6	8,989,408 R	8,493,211	5.8	724,797	613,810	18.1	9,088,446	8,477,635	7.2
Homopolymer Resins, Including Blending & Latex	550,762	557,873	-1.3	8,298,843 R	7,765,194	6.9	664,103	546,366	21.5	8,355,667	7,733,816	8.0
Copolymer Resins, Including Blending & Latex	12,504	17,196	-27.3	187,880	217,818	-13.7	18,779	23,248	-19.2	214,564	227,219	-5.6
Dispersion Resins	37,219	41,708	-10.8	502,685	510,199	-1.5	41,915	44,196	-5.2	518,215	516,600	0.3
Exports, Total	114,868	91,130	26.0	944,417	917,918	2.9						
Domestic, Total	485,617	525,647	-7.6	8,044,991 R	7,575,293	6.2						
Calendering, Total	63,813	67,466	-5.4	994,297 R	913,165	8.9						
Flooring	13,927	18,641	-25.3	210,723	219,591	-4.0						
Textile	5,585	7,247	-22.9	96,114	117,343	-18.1						
All Other Calendering Uses	44,301	41,578	6.5	687,460 R	576,231	19.3						
Coating, Total	22,912	26,324	-13.0	328,227	360,661	-9.0						
Flooring	11,007	11,236	-2.0	146,130	152,990	-4.5						
Textile and Paper Coating	6,805	8,445	-19.4	96,611	106,198	-9.0						
Protective Coatings	3,301	3,673	-10.1	47,587	50,912	-6.5						
Adhesives & All Other Coating Uses	1,799	2,970	-39.4	37,899	50,561	-25.0						
Extrusion, Total	324,890	336,268	-3.4	5,505,842 R	5,056,173	8.9						
Wire and Cable	22,389	28,704	-22.0	366,098 R	387,748	-5.6						
Film and Sheet, Packaging	17,326	22,561	-23.2	288,030	320,246	-10.1						
Film and Sheet, Non-Packaging	998	1,831	-45.5	38,199	47,581	-19.7						
Siding, Siding Acc. & Moble Home Skirting	48,503	52,719	-8.0	822,230	761,764	7.9						
Rigid Pipe and Tubing (except fittings)	205,649	194,322	5.8	3,424,818	2,990,288	14.5						
All Other Extrusion Uses	30,025	36,131	-16.9	566,467 R	548,546	3.3						
Molding, Total	30,652	35,423	-13.5	495,957 R	517,626	-4.2						
Bottles	15,156	14,371	5.5	223,866 R	216,673	3.3						
Fittings (Rigid Pipe and Tubing)	8,898	9,970	-10.8	160,624	146,559	9.6						
All Other Molding Uses	6,598	11,082	-40.5	111,467	154,394	-27.8						
Paste Processes (except coating), Total	12,404	11,636	6.6	183,901	174,393	5.5						
Plastisol Formulation	6,857	6,211	10.4	102,152	94,200	8.4						
All Other Paste Process Uses	5,547	5,425	2.2	81,749	80,193	1.9						
Resellers & Compounders	21,366	24,276	-12.0	363,212 R	317,183	14.5						
All Other Uses	9,580	24,254	-60.5	173,555	236,092	-26.5						

R = Revision

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RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	DECEMBER			*YEAR-TO-DATE*			*DECEMBER*			*YEAR-TO-DATE*		
	1990	*1989*	*% CHG*	*1990*	*1989*	*%CHG*	*1990*	*1989*	*% CHG*	*1990*	*1989*	*% CHG*
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)												
Exports, Total												
Domestic, Total												
Emulsion Paints												
Adhesives, Caulks and Sealants												
Paper Treating & Paper Coating												
Textile Treating												
Non-Woven Binders												
All Other Uses												
POLYVINYL ALCOHOL, TOTAL (3)												
Exports, Total												
Domestic, Total												
OTHER VINYL RESINS, TOTAL (4)	21,346	18,126	17.8	198,036	201,052	-1.5	21,701	17,964	20.8	225,760	220,398	2.4
Exports, Total	5,416	5,386	0.6	67,160	70,569	-4.8						
Domestic, Total	15,930	12,740	25.0	130,876	130,483	0.3						
THERMOPLASTIC POLYESTER, TOTAL (6)	174,250	148,308	17.5	1,905,405	1,707,339	11.6	167,156	144,864	15.4	1,878,629 R	1,630,060	15.2
Exports, Total	38,304	19,029	101.3	380,431	285,801	33.1						
PET Bottle Grade Resin, Exports	D	D		D	D							
All Other Exports	D	D		D	D							
Domestic, Total	135,946	129,279	5.2	1,524,974	1,421,538	7.3						
Domestic PET	N.R.	N.R.		N.R.	N.R.							
Solid State Phase Resin	D12	D12		D12	D12							
PET Bottle Grades	108,259	91,118	18.8	1,074,986	958,264	12.2						
PET/PBT Resellers & Compounders	N.R.4	N/A		N.R.4	N/A							
All Other Thermoplastic Polyester	27,687	38,161	-27.4	449,988	463,274	-2.9						

(2) – The publishing of PVAC data has been suspended.

(3) – The publishing of PVOH data has been suspended.

(4) – Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

D12 = Disclosure: Included in All Other Thermoplastic Polyester.

N.R.4 = Not Reported: Included in All Other Thermoplastic Polyester.

R = Revision.

N.R. = Not Reported

D = Disclosure

(6) – Includes sales from imports.

SPI SECTION I CRS

MONTHLY STATISTICAL REPORT
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THERMOSETTING & THERMOPLASTIC RESINS

RESIN CODING CLASSIFICATIONS	
EPOXY (UNMODIFIED RESINS)	EPOXY
POLYESTER (UNSATURATED) RESINS	PY
UREA RESINS	UREA
MELAMINE RESINS	MELA
PHENOLIC & OTHER TAR ACID RESINS	PHEN
LOW DENSITY POLYETHYLENE 0.940 & BELOW	LDPE
LINEAR LOW DENSITY POLYETHYLENE 0.940 & BELOW	LLDPE
HIGH DENSITY POLYETHYLENE ABOVE 0.940	HDPE
POLYPROPYLENE POLYMERS & COPOLYMERS	PP
ACRYLONITRILE-BUTADIENE-STYRENE (abs) RESINS	ABS
STYRENE-ACRYLONITRILE (SAN)	SAN
POLYSTYRENE RESINS	PS
STYRENE BUTADIENCE LATEXES - carboxylated, 45% styrene content and over	SBL
OTHER STYRENICS - over 40% styrene	OSBP
NYLON RESINS	NYLON
POLYVINYL CHORIDE & COPOLYERS (DRY RESIN CONTENT)	PVC
POLYVINYL ACETATE	PVAC
POLYVINYL ALCOHOL	PVOH
OTHER VINYL RESINS	OTHER VINYL
THERMOPLASTIC POLYESTER	TPY

REPORTING CLASSIFICATIONS

CATEGORY	CODE
Production	P
Imports	I
Domestic Sales & Captive Use	D
Export Sales	E

Above Legends Refer to the Following List of Reporting Companies by Resin Category.

MONTHLY STATISTICAL REPORT

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THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	LLDPE	HDPE	PP	ABS	SAN	PS	SBL	OSBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
ADVANCE COATING COMPANY		PD																		
A & E PLASTICS												PDE								
AIR PRODUCTS & CHEMICALS																	DE	PDE		
ALLIED CHEMICAL COMPANY															PDE					PDE
ALLIED-BENDIX CORPORATION					PD															
ALPHA CHEMICAL CORPORATION		PD																		
AMERICAN CYANAMID COMPANY				PDE																
AMERICAN POLYMERS, INC.												PD								
AMETEK, HAVEG DIVISION					PD															
AMOCO CHEMICAL CORPORATION									PDE			PDE								
ANDERSON DEVELOPMENT COMPANY														PD						
ARCO CHEMICAL CORPORATION												PDE		PDE						
ARISTECH CHEMICAL COMPANY		PDE							PDE											
ASHLAND CHEMICAL COMPANY		PDE			PD															
ATOCHEM															PDE					
BASF CORPORATION										PDE	PD	PDE	PD	PD	PDEI					PDE
BELDING CHEMICAL INDUSTRIES															PDE					
BORDEN CHEMICAL COMPANY			PD	PD	PD											PDE				

Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

MONTHLY STATISTICAL REPORT

DECEMBER 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	LLDPE	HDPE	PP	ABS	SAN	PS	SBL	OSBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
CELANESE CHEMICAL COMPANY																	D			
CERTAINTEED PRODUCTS CORPORATION																PD				
CHEVRON CHEMICAL CORPORATION						PDE		PDE				PDE								
CIBA-GEIGY CORPORATION	PDE																			
COOK COMPOSITES & POLYMERS		PD																		
CUSTOM RESINS, INC.															PD					
DART CONTAINER												PD								
DOW CHEMICAL USA	PDE	PDE				PDEI	PDEI	PDE		PDE	PDE	PDE	PDE	PDE					PDE	
DUPONT CANADA							DI													
E. I. DUPONT DE NEMOURS & COMPANY						PDE									PDEI			PDE	PDE	PDE
EASTMAN CHEMICAL COMPANY						PDE			PDE											PDE
EMSER INDUSTRIES															PDEI					
ESSO CHEMICAL CORPORATION							DI													
EXXON CHEMICAL AMERICAS						PDEI	PDEI	PDE	PDE											
FINA OIL & CHEMICAL CORPORATION									PDE			PDE								
FIRESTONE SYNTHETIC RUBBER & LATEX														PD						
FORMOSA PLASTICS CORPORATION																PD				
GENCORP													PD							

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MONTHLY STATISTICAL REPORT

DECEMBER 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	LLDPE	HDPE	PP	ABS	SAN	PS	SBL	OSBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
GENERAL ELECTRIC PLASTICS COMPANY										PDE	PD			PD						PDE
GENESIS POLYMERS									PDE											
GEORGIA-GULF CORPORATION																PDE				
GEORGIA-PACIFIC CORPORATION			PD	PD	PD															
GLIDDEN COATINGS & RESINS		PD																		
B. F. GOODRICH CHEMICAL COMPANY											PDE					PDE				
GOODYEAR CHEMICAL DIVISION													PDE	PDE		PDE				PDE
W. R. GRACE & COMPANY										PD							D		PDE	
GRIFFTEX CHEMICAL COMPANY			PD	PD																
HARBORCHEM, INC.			PD	PD																
HIMONT USA, INC.								PDE	PDE											
HOECHST-CELANESE				PDE	PDE			PDE							PDE					PDE
HUNTSMAN CHEMICAL CORPORATION									PDE			PDE								
ICI AMERICAS, INC.																				PD
INTERPLASTICS CORPORATION		PD																		
IRONSIDES COMPANY					PD															
KEYSOR-CENTURY CORPORATION																PD				
LYONDELL						PDE			PDE											
MASONITE CORPORATION					PD															

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MONTHLY STATISTICAL REPORT

DECEMBER 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	LLDPE	HDPE	PP	ABS	SAN	PS	SBL	OSBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
MOBAY CORPORATION															DEI					
MOBIL CHEMICAL COMPANY						PDE	PDE	PDE				PDE								
MONSANTO COMPANY			PD	PD						PDE	PDE			PD	PDE		DE		PDE	
MORTON INDUSTRIES													PDE	PD					PDE	
NESTE CHEMICALS			PD	PD	PD															
NOVA PLASTICS						DI	DI													
NYLON CORPORATION OF AMERICA															PD					
OXYCHEM					PDE			PDE								PDE				
OWENS-CORNING FIBERGLASS		PDE		PD	PD															
PACIFIC WESTERN RESINS																PDE				
PAXON CHEMICAL								PDE												
PHILLIPS 66 COMPANY							PDE	PDE	PDE											
PLASLOK CORPORATION					PD															
PLASTICS ENGINEERING COMPANY					PDE															
POLYSAR, INC.												PDE								
QUANTUM CHEMICAL COMPANY						PDE	PDE	PDE	PDE								D			
REICHHOLD CHEMICALS, INC.	PDE	PDE											PDE				DE			
REXENE CORPORATION						PDE			PDE											
RHONE POULENC	PDE		PD	PD																

Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

MONTHLY STATISTICAL REPORT

DECEMBER 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	LLDPE	HDPE	PP	ABS	SAN	PS	SBL	OSBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
ROGERS CORPORATION					PDE															
ROHM AND HAAS COMPANY														PDE			D		PDE	
SCHERING BERLIN		PD																		
SCOTT POLYMERS												PD								
SEQUA CHEMICAL																	DE			
SHAKESPEARE COMPANY															PDE					
SHELL CHEMICAL COMPANY	PDE								PDE											
SHINTECH, INC.																PDE				
SILMAR		PDE																		
SOLTEX POLYMERS							PDE	PDE	PDE											
TRI NOVA CORPORATION		PD	PD	PD	PD															
UNION CARBIDE CORPORATION	PDE					PDEI	PDEI	PDE												
UNION CHEMICAL													PD				D		PD	
VALCHEM			PD																	
VALITE DIV. OF VALENTINE SUGARS, INC.					PD															
VISTA CHEMICAL COMPANY																PDE				
VYGEN CORPORATION																PDE				
WELLMAN, INC.															PDE					
WEST LAKE POLYMERS						PDE														
TOTAL	6	13	9	11	16	12	10	12	14	5	5	13	7	10	13	12	9	2	7	8

Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

The Society of the
Plastics Industry, Inc.

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

NOVEMBER 30, 1990

DATA FOR CALCULATING APPARENT CONSUMPTION OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: February 14, 1991

CRS

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(Millions of pounds, dry weight basis)(1)

NOVEMBER 1990

RESIN KIND	NOVEMBER				YEAR-TO-DATE			
	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*
EPOXY RESIN, TOTAL	40.4	29.2	1.3	8.2	464.3	357.0	17.4	77.8
POLYESTER (UNSATURATED) RESINS, TOTAL	81.9	78.4	0.4	12.8	1,153.8	1,123.2	6.8	101.2
UREA RESINS, TOTAL **	107.9	101.9	1.4	1.9	1,397.9	1,342.2	18.3	35.6
MELAMINE RESINS, TOTAL **	16.9	14.2	0.4	1.3	186.6	162.3	4.5	15.0
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	213.3	207.7	2.7	6.1	2,744.3	2,701.9	37.8	87.8
THERMOSETTING RESINS, TOTAL	460.4	431.4	6.2	30.3	5,946.9	5,686.6	84.8	317.4
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	613.6	507.7	23.6	80.0	6,688.4 R	5,808.5	222.3	730.9
LINEAR LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	363.2	369.2	63.4	30.7	3,498.7	4,116.0	749.9	266.6
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	741.7	655.0	34.7	91.0	7,597.5	7,215.9	461.1	829.6
POLYPROPYLENE, TOTAL	758.8	533.8	4.1	179.1	7,652.8 R	6,148.4 R	51.1	1,661.2
ABS RESINS, TOTAL ** (ACRYLONITRILE-BUTADIENE-STYRENE)	91.1	78.8	5.2	23.7	1,084.5	1,089.4	71.3	180.2
SAN (STYRENE-ACRYLONITRILE) RESINS, TOTAL	10.0	4.2	1.4	6.7	123.8	76.8	6.6	73.5
OTHER STYRENICS **	95.5	100.4	0.2	21.2	1,080.3	1,141.5	4.0	173.0
POLYSTYRENE RESINS, TOTAL	382.3	360.6	3.6	21.7	4,626.3 R	4,608.6 R	72.6	270.6
NYLON RESINS, TOTAL (6)	38.0	43.2	5.4	10.5	520.0	464.2	72.3	142.7
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	741.8	579.6	17.8	73.7	8,363.6	7,558.6	139.7	813.7
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (4)								
POLYVINYL ALCOHOL, TOTAL (4)								
OTHER VINYL RESINS	19.6	12.9	N/A	N/A	204.1	114.9	N/A	N/A
THERMOPLASTIC POLYESTER, TOTAL (6)	159.7	119.6	6.7	41.3	1,712.8	1,389.0	68.4	423.7
THERMOPLASTIC RESINS, TOTAL	4,015.3	3,365.0	166.1	579.6	43,152.8 R	39,731.8 R	1,919.3	5,565.7
GRAND TOTAL	4,475.7	3,796.4	172.3	609.9	49,099.7 R	45,418.4 R	2,004.1	5,883.1

(1) = Except phenolic resins which are reported on a gross weight basis.
(4) = The publishing of PVOH + PVAC data is temporarily suspended.
* Except for Epoxy Resin, Bureau of Census exports will differ from exports published in the SPI Monthly Statistical Report.
** = Domestic Sales include Exports.
(6) = Data Includes Sales from Imports.

Monthly and Year-To-Date totals may not agree due to government revisions and rounding.

N/A = Not Available
R = Revision

Sources:
Sales and Production – SPI Monthly Statistical Report
Imports – Bureau of the Census (IM 145)
Exports – Bureau of the Census (EM 545)

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FULL YEAR 1990

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING & THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

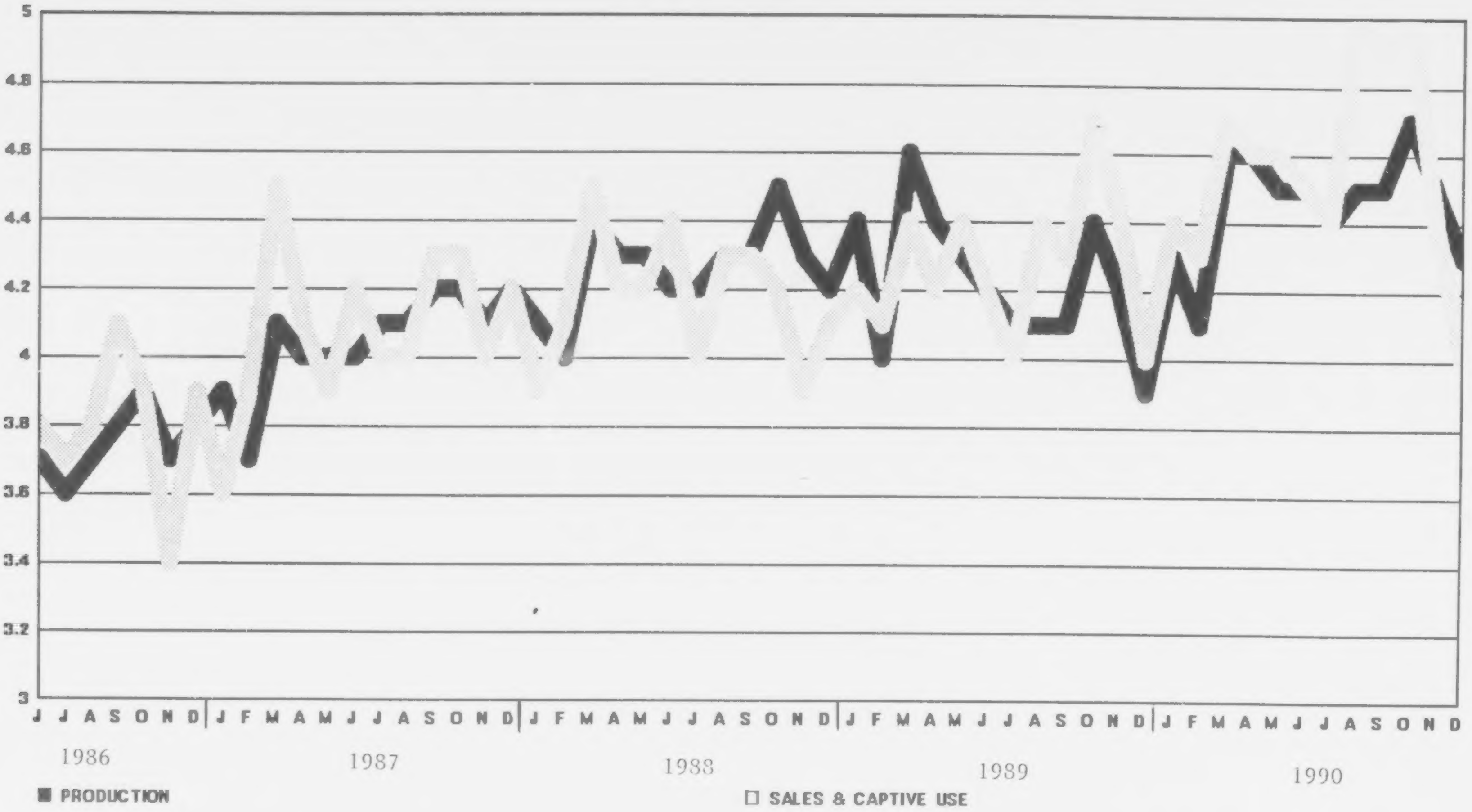
Release Date: March 14, 1991

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(BILLIONS OF POUNDS)

FULL YEAR 1990



THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)(1)

CRS

PRODUCTION

FULL YEAR 1990

RESIN	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
EPOXY RESIN, TOTAL	35,934 R	47,085 R	46,810 R	42,197 R	42,428 R	39,612 R	45,340 R	41,926 R	43,318	39,279	40,403	34,989	499,321 R
POLYESTER (UNSATURATED) RESINS, TOTAL (E)	109,939	106,725 R	113,219 R	112,654 R	114,586 R	107,995 R	99,682 R	107,640 R	98,257 R	101,234	81,886	67,343	1,221,160 R
UREA RESINS, TOTAL (E)	130,793 R	123,101 R	132,603 R	137,511	125,576	130,078	121,264	124,173 R	131,618	133,329	107,882	97,603	1,495,531 R
MELAMINE RESINS, TOTAL	15,520 R	14,865 R	15,340 R	18,020	17,649	18,927	16,099	17,729	17,035	18,468	16,939	15,395	201,986 R
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	256,226 R	235,377 R	254,407 R	272,457	241,172	254,247	252,944 R	245,462	256,741	261,971	213,322	201,950	2,946,276 R
THERMOSETTING RESINS, TOTAL (E)	548,412 R	527,153 R	562,379 R	582,839 R	541,411 R	550,859 R	535,329 R	536,930 R	546,969 R	554,281	460,432	417,280	6,364,274 R
LOW DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL	583,688 R	560,914 R	610,825 R	636,414 R	595,937 R	590,973 R	622,249 R	609,191 R	603,351 R	638,455 R	604,145 R	598,749 R	7,254,891 R
LINEAR LOW DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL	276,577 R	271,984	334,564	308,578	304,420	342,322	303,743 R	330,723 R	338,716	323,895 R	363,220	394,510	3,893,252 R
HIGH DENSITY POLYETHYLENE (ABOVE 0.940), TOTAL	634,905 R	616,203 R	657,843 R	697,249 R	713,964 R	666,577 R	715,451 R	723,621 R	672,457 R	754,966 R	742,166 R	741,958 R	8,337,360 R
POLYPROPYLENE, TOTAL	669,775 R	666,423 R	717,255 R	695,830 R	718,470 R	693,536 R	660,833 R	653,887 R	691,538 R	704,578 R	758,764	679,520	8,310,409 R
ACRYLONITRILE-BUTADIENE-SYTRENE (ABS) RESINS, TOTAL	92,164	77,563	92,838	110,913 R	107,097 R	97,764 R	108,589 R	91,629	92,839 R	118,936	91,663 R	79,840	1,161,855 R
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	10,395	10,025	10,242	10,786	11,907	10,750 R	11,400	13,634	11,463	14,243	10,335 R	9,993 R	135,173 R
POLYSTYRENE RESINS, TOTAL	417,033 R	371,984 R	445,184 R	414,461 R	426,690	424,697 R	435,812 R	425,645 R	453,651 R	436,540 R	380,466 R	388,927 R	5,021,090 R
STYRENE BASED LATEXES, TOTAL	88,281 R	76,583 R	95,096 R	90,641 R	84,267 R	88,070 R	83,762 R	95,411 R	88,813 R	91,591 R	84,620 R	76,388 R	1,043,523 R
OTHER STYRENICS, TOTAL (40% Or More Styrene)	13,215 R	10,030 R	13,224 R	12,658 R	12,722 R	12,368 R	10,517 R	11,321	10,793 R	12,603 R	12,800 R	13,430 R	145,681 R
NYLON RESINS	48,169 R	42,245 R	49,162	47,024 R	51,787	50,570	49,381	48,301	47,033	51,039	38,017	35,579	558,307 R
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin Content)	721,877 R	725,199 R	793,331 R	776,055 R	789,646 R	761,797	710,434 R	774,412 R	775,181	801,046	741,759	724,797	9,095,534 R
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
POLYVINYL ALCOHOL, TOTAL (3)	D	D	D	D	D	D	D	D	D	D	D	D	D
OTHER VINYL RESINS (4)	20,129 R	20,230 R	20,724 R	17,510 R	18,556 R	15,089	13,914 R	19,339 R	18,739	16,479 R	14,250 R	16,601 R	211,560 R
THERMOPLASTIC POLYESTER, TOTAL	137,569	138,898	160,246	167,856	156,174	164,515	153,661	161,293	160,911	151,954	158,396 R	167,156	1,878,629 R
THERMOPLASTIC RESINS, TOTAL	3,713,777 R	3,588,281 R	4,000,534 R	3,985,975 R	3,991,637 R	3,919,028 R	3,879,746 R	3,958,407 R	3,965,485 R	4,116,325 R	4,000,621 R	3,927,448 R	47,047,264 R
GRAND TOTAL (E)	4,262,189 R	4,115,434 R	4,562,913 R	4,568,814 R	4,533,048 R	4,469,887 R	4,415,075 R	4,495,337 R	4,512,454 R	4,670,606 R	4,461,053 R	4,344,728 R	53,411,538 R

(1) = Except phenolic resins which are reported on a gross weight basis.

(2) The publishing of PVAC data has been suspended.

N/A = Not Available

(3) The publishing of PVOH data has been suspended.

(4) Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

(E) = Estimate - Data include estimates.

R = Revision

D = Disclosure

Compiled By Ernst & Young, Washington DC, for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

CRS

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)(1)

SALES & CAPTIVE USE

FULL YEAR 1990

RESIN	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
EPOXY RESIN, TOTAL	39,370 R	37,230 R	40,963 R	41,165 R	43,363 R	45,334 R	39,202 R	40,818 R	39,362 R	44,339	38,910	34,064	484,120 R
POLYESTER (UNSATURATED) RESINS, TOTAL (E)	108,698 R	104,278 R	110,761 R	113,373 R	114,372 R	106,955 R	97,341 R	106,789 R	97,446 R	103,110	80,085 R	68,107	1,211,315 R
UREA RESINS, TOTAL (E)	131,117 R	122,909 R	134,904 R	137,000 R	127,192 R	132,672 R	119,801 R	126,360 R	128,331 R	133,056 R	106,697 R	97,292	1,497,331 R
MELAMINE RESINS, TOTAL	13,682 R	12,281 R	15,097 R	13,666 R	15,588 R	14,905 R	14,887 R	19,153 R	13,746 R	15,763 R	14,287 R	12,926	175,981 R
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	255,729 R	235,244 R	253,940 R	273,676 R	243,089 R	253,639 R	253,775 R	241,353 R	252,464 R	264,284 R	209,862 R	200,974	2,938,029 R
THERMOSETTING RESINS, TOTAL (E)	548,596 R	511,942 R	555,665 R	578,880 R	543,604 R	553,505 R	525,006 R	534,473 R	531,349 R	560,552 R	449,841 R	413,363	6,306,776 R
LOW DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	588,032 R	551,397 R	634,422 R	581,879 R	593,714 R	560,467 R	563,787 R	658,260 R	651,120 R	681,342 R	589,303 R	548,217 R	7,201,940 R
LINEAR LOW DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	335,496 R	364,537 R	434,973 R	395,563 R	374,444 R	364,506 R	363,366 R	444,466 R	457,369 R	461,995 R	411,073 R	353,250 R	4,761,038 R
HIGH DENSITY POLYETHYLENE (ABOVE 0.940), TOTAL (6)	665,889 R	635,209 R	723,771 R	721,683 R	732,559 R	696,560 R	728,316 R	835,325 R	777,192 R	841,359 R	751,394 R	728,514 R	8,837,771 R
POLYPROPYLENE, TOTAL	704,152 R	658,577 R	713,654 R	667,738 R	659,601 R	652,137 R	635,973 R	758,284 R	736,066 R	712,752 R	724,509	615,180	8,238,623 R
ACRYLONITRILE-BUTADIENE-SYTRENE (ABS) RESINS, TOTAL	91,699 R	85,918 R	109,557 R	110,277 R	98,288 R	96,419	102,773 R	104,347 R	107,698 R	109,386	79,464 R	65,271 R	1,161,097 R
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	10,819 R	9,447 R	9,432	11,833 R	14,233 R	11,322	10,324 R	12,968 R	11,597 R	13,948 R	9,237 R	9,239	134,399 R
POLYSTYRENE RESINS, TOTAL	436,534 R	456,870 R	419,393 R	406,689 R	433,167 R	420,982 R	430,180 R	466,627 R	456,095 R	453,897 R	368,465 R	299,995 R	5,048,894 R
STYRENE BASED LATEXES, TOTAL**	88,969 R	85,594 R	96,703 R	94,678 R	95,677 R	95,995 R	84,357 R	103,307 R	89,251 R	96,035 R	89,771 R	76,187 R	1,096,524 R
OTHER STYRENICS, TOTAL (40% Or More Styrene)	12,502 R	10,728 R	15,707 R	13,418 R	14,807 R	12,519 R	11,057 R	13,146 R	11,745 R	12,265 R	12,507 R	11,344 R	151,745 R
NYLON RESINS (6)	44,068 R	43,494	48,486 R	47,024 R	52,623 R	50,484	45,043	51,482	52,835	51,076	50,078	44,492	581,185 R
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin Content)	745,394 R	772,246 R	785,554 R	789,271 R	783,817 R	764,447	690,910 R	802,558 R	790,095 R	814,441	656,661	600,485	8,995,879 R
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
POLYVINYL ALCOHOL, TOTAL (3)	D	D	D	D	D	D	D	D	D	D	D	D	D
OTHER VINYL RESINS (4)	17,455	16,731 R	16,775	14,583	17,656	15,210 R	13,444 R	17,026 R	14,753 R	15,480	16,277 R	16,146 R	191,536 R
THERMOPLASTIC POLYESTER, TOTAL (6)	142,458 R	138,793	167,124	159,980	171,756 R	166,754	150,753	148,912	171,741	156,971 R	155,931	174,250	1,905,423 R
THERMOPLASTIC RESINS, TOTAL	3,883,467 R	3,829,541 R	4,175,551 R	4,014,616 R	4,042,342 R	3,907,802 R	3,830,283 R	4,416,708 R	4,327,557 R	4,420,947 R	3,914,670 R	3,542,570 R	48,306,054 R
GRAND TOTAL (E)	4,432,063 R	4,341,483 R	4,731,216 R	4,593,496 R	4,585,946 R	4,461,307 R	4,355,289 R	4,951,181 R	4,858,906 R	4,981,499 R	4,364,511 R	3,955,933 R	54,612,830 R

(1) = Except phenolic resins which are reported on a gross weight basis.

** = Sales and Captive Use figures include some Canadian produced materials.

(2) The publishing of PVAC data has been suspended.

N/A = Not Available

(3) The publishing of PVOH data has been suspended.

(4) Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

(6) = Data Includes Sales from Imports.

(E) = Estimate - Data include estimates.

R = Revision

D = Disclosure

Compiled By Ernst & Young, Washington DC, for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

MONTHLY STATISTICAL REPORT

(Millions of pounds, dry weight basis)(1)

APPARENT CONSUMPTION

FULL YEAR 1990

RESIN KIND	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*
EPOXY RESIN, TOTAL	499.3	383.9	18.3	84.0
POLYESTER (UNSATURATED) RESINS, TOTAL	1,221.2	1,190.0	7.4	109.5
UREA RESINS, TOTAL **	1,495.5	1,497.3	19.3	36.7
MELAMINE RESINS, TOTAL **	202.0	176.0	5.0	17.4
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	2,946.3	2,916.4	40.4	93.5
THERMOSETTING RESINS, TOTAL	6,364.3	6,163.6	90.4	341.1
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	7,254.9	6,304.6	233.1	854.8
LINEAR LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	3,893.3	4,489.4	799.6	303.7
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL (6)	8,337.4	8,109.0	487.2	921.3
POLYPROPYLENE, TOTAL	8,310.4	6,608.1	58.3	1,820.4
ABS RESINS, TOTAL ** (ACRYLONITRILE-BUTADIENE-STYRENE)	1,161.9	1,161.1	75.9	200.1
SAN (STYRENE-ACRYLONITRILE) RESINS, TOTAL	135.2	82.2	6.6	79.5
OTHER STYRENICS **	1,189.2	1,248.3	4.1	192.6
POLYSTYRENE RESINS, TOTAL	5,021.1	4,862.0	75.2	299.1
NYLON RESINS, TOTAL (6)	558.3	501.1	76.6	159.2
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	9,095.5	8,051.2	143.1	893.5
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (4)				
POLYVINYL ALCOHOL, TOTAL (4)				
OTHER VINYL RESINS	211.6	124.4	N/A	N/A
THERMOPLASTIC POLYESTER, TOTAL (6)	1,878.6	1,525.5	74.1	466.2
THERMOPLASTIC RESINS, TOTAL	47,047.4	43,066.9	2,033.8	6,190.4
GRAND TOTAL	53,411.7	49,230.5	2,124.2	6,531.5

(1) = Except phenolic resins which are reported on a gross weight basis.
(4) = The publishing of PVOH + PVAC data is temporarily suspended.
* Except for Epoxy Resin, Bureau of Census exports will differ from exports published in the SPI Monthly Statistical Report.
** = Domestic Sales include Exports.
(6) = Data Includes Sales from Imports.

N/A = Not Available

Monthly and Year-To-Date totals may not agree due to government revisions and rounding.

Sources: Sales and Production – SPI Monthly Statistical Report
Imports – Bureau of the Census (IM 145)
Exports – Bureau of the Census (EM 545)

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

FULL YEAR 1990

RESIN	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
EPOXY RESIN, TOTAL (P)	35,934 R	47,085 R	46,810 R	42,197 R	42,428 R	39,612 R	45,340 R	41,926 R	43,318	39,279	40,403	34,989	499,321 R
EPOXY RESIN, TOTAL (S & U)	39,370 R	37,230 R	40,963 R	41,165 R	43,363 R	45,334 R	39,202 R	40,818 R	39,362 R	44,339	38,910	34,064	484,120 R
Exports, Total	7,594 R	5,649 R	6,387	7,921 R	6,829 R	6,678 R	6,815 R	7,337 R	6,313 R	8,147	8,162	6,156	83,988 R
Captive Use, Total	1,482 R	1,548 R	1,557	1,291	1,294	1,301	1,375	1,227	1,281	1,352	1,550	1,014	16,272 R
Domestic Sales, Total	30,294 R	30,033 R	33,019 R	31,953 R	35,240 R	37,355 R	31,012 R	32,254 R	31,768 R	34,840	29,198	26,894	383,860 R
Domestic Sales & Captive Use,Total	31,776 R	31,581 R	34,576 R	33,244 R	36,534 R	38,656 R	32,387 R	33,481 R	33,049 R	36,192	30,748	27,908	400,132 R
Bonding & Adhesives	2,172 R	2,271 R	2,377	2,376 R	2,765 R	2,712 R	2,163 R	2,170 R	2,644	2,439	2,174	1,760	28,023 R
Flooring, Paving & Exposed Aggregate	2,133 R	2,079 R	2,651	2,291 R	2,581 R	2,666 R	2,222 R	1,868 R	2,474	2,076	1,985	1,894	26,920 R
Protective Coatings	15,210 R	15,359 R	16,288	16,709 R	18,240 R	19,851 R	16,533 R	17,033 R	16,[illegible]	17,794	14,591	14,323	198,218 R
Fiber Reinforced Laminates & Composites	6,923 R	6,990 R	7,814	6,660 R	7,441 R	7,466 R	5,804 R	7,050 R	6,184	7,452	6,263	5,225	81,272 R
FRL&C for Printed Wiring Board	4,621 R	4,771 R	5,190	4,334 R	4,719 R	4,766 R	3,697 R	4,599 R	3,787	4,867	3,905	3,126	52,382 R
All Other FRL&C	2,302 R	2,219 R	2,624	2,326 R	2,722 R	2,700 R	2,107 R	2,451 R	2,397	2,585	2,358	2,099	28,890 R
Tooling, Casting & Molded Resins	1,952 R	2,144 R	2,024 R	2,496 R	2,533 R	2,912 R	2,297 R	2,436 R	2,533	2,882	2,210	2,011	28,430 R
All Other Uses	3,386 R	2,738 R	3,422	2,712	2,974	3,049	3,368	2,924	2,927 R	3,549	3,525	2,695	37,269 R
POLYESTER (UNSATURATED) RESINS, TOTAL (P)(E)	109,939	106,725 R	113,219 R	112,654 R	114,586 R	107,995 R	99,682 R	107,640 R	98,257 R	101,234	81,886	67,343	1,221,160 R
POLYESTER (UNSATURATED) RESINS, TOTAL (S&U)(E)	108,698 R	104,278 R	110,761 R	113,373 R	114,372 R	106,955 R	97,341 R	106,789 R	97,446 R	103,110	80,085 R	68,107	1,211,315 R
Total Exports	1,347 R	1,892 R	2,076 R	2,150 R	2,397 R	1,977 R	1,618 R	1,294 R	1,724	1,971 R	1,618 R	1,292	21,356 R
Total Domestic	107,351 R	102,386 R	108,685 R	111,223 R	111,975 R	104,978 R	95,723 R	105,495 R	95,722 R	101,139 R	78,467 R	66,815	1,189,959 R
General Purpose Resins, Total	92,995 R	88,419 R	94,030 R	96,520 R	96,574 R	90,520 R	81,672 R	89,871 R	80,209 R	84,745 R	66,010 R	55,591	1,017,156 R
General Purpose - Thixotropic	36,185 R	32,533 R	36,143 R	36,216 R	38,613 R	34,848 R	33,100 R	33,402 R	29,784	29,834 R	23,341 R	19,288	383,287 R
General Purpose - Press Molding	11,701 R	11,962 R	12,491 R	12,507 R	13,040 R	12,230 R	11,035 R	12,259 R	11,521 R	13,024 R	8,940 R	7,575	138,285 R
General Purpose - Panel	7,819	5,564	7,918	7,854	8,015	7,160	6,584	6,901	5,622	7,508	5,017	5,496	81,458
General Purpose - All Other	37,290 R	38,360 R	37,478 R	39,943 R	36,906 R	36,282 R	30,953 R	37,309 R	33,282	34,379	28,712	23,232	414,126 R
Flame Retardant Resins	1,996	2,097 R	1,854 R	1,943 R	1,985 R	2,134 R	2,119 R	1,915 R	2,300	2,175	1,837	1,610	23,965 R
Chemical Resistant Resins, Total	12,360 R	11,870 R	12,801 R	12,760 R	13,416 R	12,324 R	11,932 R	13,709 R	13,213	14,219 R	10,620 R	9,614	148,838 R
Chemical Resistant Isophthalic Resins	8,762 R	8,679 R	9,231 R	8,959 R	9,475	8,640 R	8,268 R	9,511 R	9,158	9,717 R	7,229 R	6,589	104,218 R
All Other Chemical Resistant Resins	3,598 R	3,191 R	3,570 R	3,801 R	3,941 R	3,684 R	3,664 R	4,198 R	4,055	4,502	3,391	3,025	44,620 R
Reinforced Plastic, Total	79,273 R	76,619 R	80,949 R	81,870 R	82,539 R	77,014 R	69,924 R	77,662 R	70,132 R	75,963 R	57,483 R	49,539	878,967 R
Non-Reinforced Plastics, Total	28,078 R	25,767 R	27,736 R	29,353 R	29,436 R	27,964 R	25,799 R	27,833 R	25,590 R	25,176 R	20,984 R	17,276	310,992 R

(E) = Estimate - Data include estimates for one company.
(P) = Production (S) = Sales (U) = Captive Use
R = Revision

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THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

FULL YEAR 1990

RESIN	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
UREA RESINS, TOTAL (P)(E)	130,793 R	123,101 R	132,603 R	137,511	125,576	130,078	121,264	124,173 R	131,618	133,329	107,882	97,603	1,495,531 R
UREA RESINS, TOTAL (S & U)(E)	131,117 R	122,909 R	134,904 R	137,000 R	127,192 R	132,672 R	119,801 R	126,360 R	128,331 R	133,056 R	106,697 R	97,292	1,497,331 R
MELAMINE RESINS, TOTAL (P)	15,520 R	14,865 R	15,340 R	18,020	17,649	18,927	16,099	17,729	17,035	18,468	16,939	15,395	201,986 R
MELAMINE RESINS, TOTAL (S & U)	13,682 R	12,281 R	15,097 R	13,666 R	15,588 R	14,905 R	14,887 R	19,153 R	13,746 R	15,763 R	14,287 R	12,926	175,981 R
UREA & MELAMINE RESINS, TOTAL (P)(E)	146,313 R	137,966 R	147,943 R	155,531	143,225	149,005	137,363	141,902 R	148,653	151,797	124,821	112,998	1,697,517 R
Textile Coating & Treating Resins	3,278 R	4,141 R	3,708 R	5,918	3,482	3,336	3,829	2,566 R	4,286	4,420	3,387	3,281	45,632 R
Paper Coating & Treating Resins	3,666	3,769	6,152	5,394	5,203	6,146	4,505	5,382	5,649	4,794	4,023	4,337	59,020
Molding Compounds	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2
Bonding & Adhesive Resins for:	115,681 R	108,464 R	118,222 R	119,756	110,803	115,165	104,856	109,424	112,509	115,537	94,189	86,233	1,310,839 R
Laminating	2,689	2,527	1,538	1,605	1,455	1,362	1,408	1,613	1,282	1,699	1,117	1,120	19,415
Plywood	4,682	2,947	5,949	5,670	5,217	5,749	4,346	5,337	5,720	5,184	4,040	4,504	59,345
Fibrous & Granulated Wood (Particle Board)	108,310 R	102,990 R	110,735 R	112,481	104,131	108,054	99,102	102,474	105,507	108,654	89,032	80,609	1,232,079 R
Protective Coatings (Straight & Modified)	10,083	9,316	9,610	12,534	12,281	13,561	11,086	11,929	11,459	12,806	12,041	10,667	137,373
All Other Uses	13,605 R	12,276 R	10,251 R	11,929	11,456	10,797	13,087	12,601	14,750	14,240	11,181	8,480	144,653 R
UREA & MELAMINE RESINS, TOTAL (S&U)(E)	144,799 R	135,190 R	150,001 R	150,666 R	142,780 R	147,577 R	134,688 R	145,513 R	142,077 R	148,819 R	120,984 R	110,218	1,673,312 R
Total Exports	D1	D1	D1	D1	D1	D1	D1	D1	D1	D1	D1	D1	D1
Total Domestic	144,799 R	135,190 R	150,001 R	150,666 R	142,780 R	147,577 R	134,688 R	145,513 R	142,077 R	148,819 R	120,984 R	110,218	1,673,312 R
Textile Coating & Treating Resins	3,159 R	2,914 R	2,850 R	2,834 R	3,023 R	2,427 R	2,566 R	3,008 R	3,026 R	3,432 R	2,543 R	2,437	34,219 R
Paper Coating & Treating Resins	3,603	3,481	6,218	5,191	5,131	5,889	4,419	5,026 R	5,495	4,738	3,817	4,112	57,120 R
Molding Compounds	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2
Bonding & Adhesive Resins for:	115,821 R	108,027 R	118,626 R	119,192 R	111,242 R	116,381 R	103,823 R	110,906 R	112,070 R	116,158 R	94,287 R	87,367	1,313,900 R
Laminating	2,626	2,563	1,417	1,470	1,461	1,236	1,277	1,596 R	1,218	1,625	1,132	1,134	18,755 R
Plywood	4,802	2,776	5,886	5,485	5,176	5,692	4,335	5,381 R	5,598	5,265	4,002	4,436	58,834 R
Fibrous & Granulated Wood (Particle Board)	108,393 R	102,688 R	111,323 R	112,237 R	104,605 R	109,453 R	98,211 R	103,929 R	105,254 R	109,268 R	89,153 R	81,797	1,236,311 R
Protective Coatings (Straight & Modified)	7,532	6,944	8,554	8,207	9,309	9,041	8,804	12,118 R	8,100	9,224	8,804	7,536	104,173 R
All Other Uses	14,684 R	13,824 R	13,753 R	15,242 R	14,075 R	13,839 R	15,076 R	14,455 R	13,386 R	15,267 R	11,533 R	8,766	163,900 R

(E) = Estimate - Data include estimates for one company.
D1 = Disclosure: Included in Domestic, Total and All Other Uses.
D2 = Disclosure: Included in All Other Uses.
(P) = Production (S) = Sales (U) = Captive Use

R - Revision

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THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)(1)

FULL YEAR 1990

RESIN	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
PHENOLIC & OTHER TAR ACID RESINS, TOTAL (P)	256,226 R	235,377 R	254,407 R	272,457	241,172	254,247	252,944 R	245,462	256,741	261,971	213,322	201,950	2,946,276 R
Molding Compounds	13,615	15,821	18,276	18,432	16,761	16,143	12,041	15,730	14,380	15,873	14,038	13,596	184,706
Bonding & Adhesive Resins for:	239,010 R	216,213 R	233,170 R	251,002	221,030	235,383	237,451 R	226,387	233,028	241,395	194,835	185,388	2,714,292 R
Laminating	15,708	13,157	14,884	16,439	13,714	14,409	14,139	14,182	14,785	15,174	11,649	10,500	168,740 R
Coated & Bonded Abrasives	1,866	2,427 R	2,548	2,530	2,451	2,571	1,768	1,949	1,678	2,008	2,513	1,952	26,261 R
Friction Materials	4,209	3,641 R	4,257	3,776	3,964	4,352	3,765	4,543	4,103	3,969	3,956	3,249	47,784
Insulation Materials	34,290 R	35,765 R	34,880 R	37,672	34,989	35,474	36,027	35,178	34,360	38,250	33,859	30,158	420,902 R
Foundry & Shell Molding	5,561	5,745	7,342	6,613	6,497	7,740	6,943	6,120	7,332	8,118	6,167	6,000	80,178
Plywood	D3	D3	D3	D3	D3	D3	D3	D3	D3	D3	D3	D3	D3
Fibrous and Granulated Wood	D3	D3	D3	D3	D3	D3	D3	D3	D3	D3	D3	D3	D3
Resins Sold to Rubber Industry	D3	D3	D3	D3	D3	D3	D3	D3	D3	D3	D3	D3	D3
All Other	177,376	155,478 R	169,259	183,972	159,415	170,837	174,809 R	164,415	170,770	173,876	136,691	133,529	1,970,427
Protective Coatings - Unmodified & Modified	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2
Resins Sold to Rubber Ind. - Non Adhesive Uses	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2
All Other Uses	3,601	3,343	2,961	3,023	3,381	2,721	3,452	3,345	9,333	4,703	4,449	2,966	47,278
PHENOLIC & OTHER TAR ACID RESINS, TOTAL (S&U)	255,729 R	235,244 R	253,940 R	273,676 R	243,089 R	253,639 R	253,775 R	241,353 R	252,464 R	264,284 R	209,862 R	200,974	2,938,029 R
Total Exports	1,251	1,762	2,325	2,649	2,820	1,845	2,145	1,545	2,066	1,332	944	975	21,659
Total Domestic	254,478 R	233,482 R	251,615 R	271,027 R	240,269 R	251,794 R	251,630 R	239,808 R	250,398 R	262,952 R	208,918 R	199,999	2,916,370 R
Molding Compounds	12,573	13,842	15,566	15,448	15,239	14,343	11,792	15,471	13,973	15,082	13,582	12,517	169,428
Bonding & Adhesive Resins for:	238,968 R	216,597 R	232,662 R	252,188 R	221,884 R	234,578 R	236,453 R	220,929 R	231,736 R	243,655 R	192,252 R	184,301	2,706,203 R
Laminating	15,741	13,136	14,397	16,674	13,879	14,499	14,097	13,860	14,669	15,202	11,334	10,549	168,037
Coated & Bonded Abrasives	2,177	2,344 R	2,376	2,710	2,499	2,402	1,617	2,208	1,932	2,463	2,129	1,679	26,536 R
Friction Materials	3,535	3,643 R	4,134	4,281	3,952	4,107	3,650	4,266	4,130	4,650	2,873	2,936	46,157 R
Insulation Materials	34,541 R	35,800 R	35,328 R	37,438 R	35,212 R	35,384 R	35,318 R	35,439 R	36,274 R	38,267 R	33,979 R	30,139	423,119 R
Foundry & Shell Molding	5,804	5,828	7,388	6,819	6,449	7,781	6,499	6,020	7,358	8,056	6,015	5,761	79,778 R
Plywood	D3	D3	D3	D3	D3	D3	D3	D3	D3	D3	D3	D3	D3
Fibrous and Granulated Wood	D3	D3	D3	D3	D3	D3	D3	D3	D3	D3	D3	D3	D3
Resins Sold to Rubber Industry	D3	D3	D3	D3	D3	D3	D3	D3	D3	D3	D3	D3	D3
All Other	177,170	155,846 R	169,039 R	184,266	159,893	170,405	175,272 R	159,136	167,373	175,017	135,922	133,237	1,962,576 R
Protective Coatings - Unmodified & Modified	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2
Resins Sold to Rubber Ind. - Non Adhesive Uses	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2
All Other Uses	2,937	3,043	3,387	3,391	3,146	2,873	3,385	3,408	4,689	4,215	3,084	3,181	40,739

(1) Except phenolic resins which are reported on a gross weight basis.
D3 = Disclosure: Included in All Other Bonding & Adhesive Resins
(P) = Production (S) = Sales (U) = Captive Use

D2 = Disclosure: Included in All Other Uses
R = Revision

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis) (6)

FULL YEAR 1990

RESIN	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
LOW DENSITY POLYETHYLENE - 0.940 & BELOW, TOTAL (P)	594,262 R	576,858 R	627,731 R	648,228 R	611,247 R	604,384 R	640,996 R	630,580 R	623,028 R	656,114 R	619,741 R	609,752 R	7,442,921 R
Imports, Total	10,574 R	15,944 R	16,906 R	11,814 R	15,310 R	13,411 R	18,747 R	21,389 R	19,677	17,659	15,596	11,003	188,030 R
Domestic, Total	583,688 R	560,914 R	610,825 R	636,414 R	595,937 R	590,973 R	622,249 R	609,191 R	603,351 R	638,455 R	604,145 R	598,749 R	7,254,891 R
LOW DENSITY POLYETHYLENE - 0.940 & BELOW, TOTAL (S & U)	588,032 R	551,397 R	634,422 R	581,879 R	593,714 R	560,467 R	563,787 R	658,260 R	651,120 R	681,342 R	589,303 R	548,217 R	7,201,940 R
Exports, Total	75,654 R	62,345 R	73,206 R	58,556 R	65,182 R	63,675 R	67,496 R	81,106 R	76,944 R	87,598 R	86,165 R	99,462 R	897,389 R
Domestic, Total	512,378 R	489,052 R	561,216 R	523,323 R	528,532 R	496,792 R	496,291 R	577,154 R	574,176 R	593,744 R	503,138 R	448,755 R	6,304,551 R
Film (12 Mils & Below)	296,870 R	293,853 R	336,451 R	308,979 R	311,122 R	286,060 R	298,436 R	340,968 R	349,888 R	363,106 R	320,189 R	259,772 R	3,765,694 R
Packaging Film	202,095 R	201,821 R	231,352 R	207,146 R	211,388 R	196,357 R	202,501 R	229,864 R	239,681 R	245,967 R	224,526 R	177,779 R	2,570,477 R
Food Packaging Film	105,963 R	95,357 R	117,980 R	94,618 R	92,850 R	88,046 R	90,147 R	96,933 R	107,094 R	112,559 R	105,345 R	86,657 R	1,193,549 R
Non-Food Packaging Film	70,615 R	83,902 R	90,838 R	89,035 R	93,550 R	85,267 R	87,627 R	107,218 R	106,858 R	104,137 R	93,049 R	73,487 R	1,085,583 R
Shrink Film	13,939 R	12,238 R	11,750 R	12,387 R	13,902 R	14,815 R	13,998 R	14,093 R	15,462 R	17,903 R	14,165 R	10,520 R	165,172 R
Stretch Film	11,578 R	10,324 R	10,784 R	11,106 R	11,086 R	8,229 R	10,729 R	11,620 R	10,267 R	11,368 R	11,967 R	7,115 R	126,173 R
Non-Packaging Film	94,775 R	92.032 R	105,099 R	101,833 R	99,734 R	89,703 R	95,935 R	111,104 R	110,207 R	117,139 R	95,663 R	81,993 R	1,195,217 R
Carry-Out Bags	7,029 R	6,942 R	9,445 R	11,537 R	11,925 R	13,226 R	15,113 R	16,399 R	18,185 R	18,939 R	12,465 R	13,307 R	154,512 R
Trash and Can Liners	29,195 R	27,831 R	30,227 R	33,462 R	31,542 R	26,994 R	30,271 R	35,695 R	35,577 R	36,918 R	30,359 R	25,195 R	373,266 R
Other Non-Packaging Film	58,551 R	57,259 R	65,427 R	56,834 R	56,267 R	49,483 R	50,551 R	59,010 R	56,445 R	61,282 R	52,839 R	43,491 R	667,439 R
Sheet (Over 12 Mils)	5,170 R	5,248 R	6,022 R	7,554 R	6,539 R	6,897 R	5,425 R	7,405 R	6,763 R	6,058 R	6,369 R	11,294 R	80,744 R
Injection Molding	29,907 R	33.632 R	31,950 R	29,186 R	30,395 R	33,479 R	27,821 R	33,510 R	34,228 R	36,653 R	22,356 R	20,393 R	363,510 R
Injection Molded Lids	6,824 R	6,519 R	6,974 R	6,542 R	6,627 R	7,138 R	5,838 R	7,516 R	7,775 R	7,830 R	6,496 R	5,184 R	81,263 R
Injection Molded Housewares	4,474 R	3,940 R	4,436 R	3,610 R	3,682 R	4,616 R	3,790 R	4,067 R	4,389 R	5,074 R	4,297 R	2,152 R	48,527 R
Other Injection Molding	18,609 R	23,173 R	20,540 R	19,034 R	20,086 R	21,725 R	18,193 R	21,927 R	22,064 R	23,749 R	11,563 R	13,057 R	233,720 R
Wire and Cable	18,645	16,283	23,037	22,685	22,718	21,828	18,269 R	22,339 R	16,553 R	18,363 R	16,244 R	13,786 R	230,750 R
Extrusion Coating	67,872 R	57,652 R	67,468 R	68,226 R	65,037 R	62,009 R	63,142 R	66,208 R	70,994 R	75,120 R	65,030 R	57,461 R	786,219 R
Blow Molding	5,514 R	4,146 R	5,286 R	5,112 R	6,201 R	5,045 R	4,898 R	5,592 R	4,955 R	6,131 R	4,777 R	4,202 R	61,859 R
Pipe and Conduit, Total	D5	D5	D5	D5	D5	D5	D5	D5	D5	D5	D5	D5	D5
Corrugated Pipe & Conduit	D	D	D	D	D	D	D	D	D	D	D	D	D
Non-Corrugated Pipe and Conduit	D	D	D	D	D	D	D	D	D	D	D	D	D
Other Extruded Products	8,560 R	6,913 R	6,300 R	7,210 R	7,452 R	6,827 R	8,324 R	8,733 R	9,114 R	8,420 R	7,752 R	6,082 R	91,687 R
Rotomolding	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2
Resellers & Compounders, Total	45,940	40,318 R	49,471	45,827	48,535	44,722	45,050	61,903	50,919	50,330	44,781	50,641	578,437 R
Resellers	30,629	29,767 R	34,596	32,885	36,065	30,502	28,355	44,092	36,001	34,666	29,081	31,757	398,396 R
Compounders	15,311	10,551 R	14,875	12,942	12,470	14,220	16,695	17,811	14,918	15,664	15,700	18,884	180,041 R
Adhesives and Sealants	9,088 R	8,661 R	9,976	9,342	8,677	8,548	7,470	9,844	9,626	10,461	8,912	8,689	109,294 R
All Other Uses	24,812 R	22,346 R	25,255 R	19,202 R	21,856 R	21,377 R	17,456 R	20,652	21,136	19,102	6,728	16,435	236,357 R

D2 = Disclosure: Included in All Other Uses.
(P) = Production (S) = Sales (U) = Captive Use

(6) = Sales Include Imports.
D5 = Disclosure: Included in Other Extruded Products.

R = Revision
D = Disclosure

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT

(Thousands of Pounds, Dry Weight Basis) (6)

FULL YEAR 1990

RESIN	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
LINEAR LOW DENSITY POLYETHYLEINE - 0.940 & BELOW, TOTAL (P)	329,902 R	345,831 R	418,239	377,004	365,785	427,207	374,547 R	403,226 R	424,015 R	399,693 R	424,772	464,064	4,754,285 R
Imports, Total	53,325 R	73,847 R	83,675	68,426	61,365	84,885	70,804 R	72,503	85,299 R	75,798	61,552	69,554	861,033 R
Domestic, Total	276,577 R	271,984	334,564	308,578	304,420	342,322	303,743 R	330,723 R	338,716	323,895 R	363,220	394,510	3,893,252 R
LINEAR LOW DENSITY POLYETHYLEINE - . 0.940 & BELOW, TOTAL (S & U)	335,496 R	364,537 R	434,973 R	395,563 R	374,444 R	364,506 R	363,366 R	444,466 R	457,369 R	461,995 R	411,073 R	353,250 R	4,761,038 R
Exports, Total	15,980 R	20,716 R	21,408 R	14,244 R	18,122 R	18,450	21,744 R	23,011 R	23,000 R	30,368	27,705	36,902	271,650 R
Domestic, Total	319,516 R	343,821 R	413,565 R	381,319 R	356,322 R	346,056 R	341,622 R	421,455 R	434,369 R	431,627 R	383,368 R	316,348 R	4,489,388 R
Film (12 Mils & Below)	203,369 R	223,171 R	271,790 R	253,219 R	232,182 R	225,478 R	219,345 R	270,007 R	285,716 R	290,136 R	261,445 R	195,239 R	2,931,097 R
Packaging Film	96,223 R	99,216 R	119,153 R	103,437 R	98,778 R	95,371	97,509 R	115,598 R	120,096 R	126,953 R	115,214 R	88,552	1,276,100 R
Food Packaging Film	16,323 R	17,902 R	24,531 R	17,100 R	15,282 R	17,744	15,687 R	20,094 R	21,007 R	24,495 R	21,942 R	19,511	231,618 R
Non-Food Packaging Film	52,492 R	52,991 R	63,581 R	58,934 R	55,708 R	52,776	55,123 R	66,535 R	70,065 R	71,046 R	63,770 R	49,109	712,130 R
Shrink Film	D10	D10	D10	D10	D10	D10	D10	D10	D10	D10	D10	D10	D10
Stretch Film	27,408 R	28,323 R	31,041 R	27,403 R	27,788 R	24,851	26,699 R	28,969 R	29,024 R	31,412 R	29,502 R	19,932	332,352 R
Non-Packaging Film	107,146 R	123,955 R	152,637 R	149,782 R	133,404 R	130,107 R	121,836 R	154,409 R	165,620 R	163,183 R	146,231 R	106,687 R	1,654,997 R
Carry-Out Bags	19,710 R	19,245 R	23,807 R	20,326 R	19,870 R	18,139	19,673 R	22,859 R	21,365 R	26,635 R	22,195 R	15,032 R	248,856 R
Trash and Can Liners	68,057 R	83,725 R	99,361 R	99,266 R	84,560 R	86,636 R	81,620 R	100,786 R	108,251 R	103,963 R	95,262 R	71,413	1,082,900 R
Other Non-Packaging Film	19,379 R	20,985 R	29,469 R	30,190 R	28,974 R	25,332 R	20,543 R	30,764 R	36,004 R	32,585 R	28,774 R	20,242	323,241 R
Sheet (Over 12 Mils)	3,116 R	5,318 R	5,060 R	3,602 R	3,192 R	3,909 R	2,889 R	5,964 R	6,549 R	7,660 R	7,186 R	3,447	57,892 R
Injection Molding	35,596 R	37,580 R	43,411 R	42,875 R	47,060 R	43,922	48,533 R	55,019 R	56,814 R	52,477 R	41,549 R	39,463	544,299 R
Injection Molded Lids	13,734 R	15,823 R	16,198 R	15,023 R	15,333 R	13,115	16,313 R	17,955 R	15,655 R	15,430 R	11,503 R	14,913	180,995 R
Injection Molded Housewares	12,884 R	13,618 R	17,592 R	18,524 R	20,650 R	21,046	22,524 R	24,026 R	26,134 R	25,878 R	21,260 R	21,462	245,598 R
Other Injection Molding	8,978 R	8,139 R	9,621	9,328 R	11,077 R	9,761	9,696 R	13,038 R	15,025	11,169 R	8,786 R	3,088	117,706 R
Wire and Cable	11,762	11,964	14,133	12,782	13,105	11,693	9,761 R	11,674 R	10,191 R	9,368 R	8,419 R	7,542	132,394 R
Extrusion Coating	D5	D5	D5	D5	D5	D5	D5	D5	D5	D5	D5	D5	D5
Blow Molding	2,100	2,332	3,703	3,051	1,510	3,157	1,758	1,900	1,539 R	1,998	1,326	1,818	26,192 R
Pipe and Conduit, Total	3,901	4,140	6,770	6,540	4,635	5,436	4,964 R	3,796	3,931	3,197	3,510	5,377	56,197
Corrugated Pipe & Conduit	D	D	D	D	D	D	D	D	D	D	D	D	D
Non-Corrugated Pipe and Conduit	D	D	D	D	D	D	D	D	D	D	D	D	D
Other Extruded Products	3,227 R	2,024 R	3,438 R	2,984 R	2,425 R	2,409 R	2,519 R	2,655 R	2,438 R	2,394 R	2,421 R	1,675	30,609 R
Rotomolding	26,395 R	29,546 R	28,090	27,344	24,596	21,796	28,974	32,541	28,305 R	26,319	22,256	26,754	322,916 R
Resellers & Compounders, Total	19,212 R	16,954	28,450	16,600	18,482	17,693	16,650	25,171	22,373	32,655	20,707	28,226	263,173 R
Resellers	11,050 R	9,301	16,179	6,333	6,962	8,292	6,384	11,219	11,344	16,226	11,861	16,331	131,482 R
Compounders	8,162 R	7,653	12,271	10,267	11,520	9,401	10,266	13,952	11,029	16,429	8,846	11,895	131,691 R
Adhesives and Sealants	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2
All Other Uses	10,838 R	10,792 R	8,720 R	12,322 R	9,135 R	10,563	6,229	12,728 R	16,513	5,423	14,549	6,807	124,619 R

D2 = Disclosure: Included in All Other Uses.
D5 = Disclosure: Included in Other Extruded Products.
(P) = Production (S) = Sales (U) = Captive Use

D10 = Disclosure: Shrink Film is Included in Stretch Film.
(6) Sales Include Imports.

R = Revision
D = Disclosure

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RESIN	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
HIGH DENSITY POLYETHYLENE - ABOVE 0.940. TOTAL (P)	649,900 R	636,558 R	695,586 R	731,405 R	747,385 R	703,818 R	756,533 R	762,600 R	711,457 R	796,545 R	783,636 R	764,114 R	8,739,539 R
Imports, Total	14,995	20,355	37,743	34,156	33,421	37,241	41,082	38,979	39,000	41,579	41,472	22,156	402,179
Domestic, Total	634,905 R	616,203 R	657,843 R	697,249 R	713,964 R	666,577 R	715,451 R	723,621 R	672,457 R	754,966 R	742,166 R	741,958 R	8,337,360 R
HIGH DENSITY POLYETHYLENE - ABOVE 0.940. TOTAL (S & U)	665,889 R	635,209 R	723,771 R	721,683 R	732,559 R	696,560 R	728,316 R	835,325 R	777,192 R	841,359 R	751,394 R	728,514 R	8,837,771 R
Exports, Total	67,651 R	49,017 R	51,790 R	52,592 R	53,383 R	55,849 R	55,781 R	64,999 R	52,623 R	69,368 R	69,895 R	85,820	728,768 R
Domestic, Total	598,238 R	586,192 R	671,981 R	669,091 R	679,176 R	640,711 R	672,535 R	770,326 R	724,569 R	771,991 R	681,499 R	642,694 R	8,109,003 R
Film (12 Mils & Below)	67,846 R	67,649 R	75,619 R	85,132 R	72,630 R	66,619 R	71,690 R	83,247 R	82,902 R	93,946 R	91,565 R	78,846 R	937,691 R
Packaging Film	22,596 R	19,415 R	22,578 R	22,962 R	19,825 R	17,589 R	17,113 R	20,659 R	21,925 R	22,019 R	22,079 R	18,298 R	247,058 R
Food Packaging Film	10,333 R	13,747 R	16,754 R	16,104 R	14,380 R	12,818 R	12,281 R	14,276 R	15,860 R	15,827 R	15,915 R	13,135 R	171,430 R
Non-Food Packaging Film	12,263 R	5,668 R	5,824 R	6,858 R	5,445 R	4,771 R	4,832 R	6,383 R	6,065 R	6,192 R	6,164 R	5,163 R	75,628 R
Non-Packaging Film	45,250 R	48,234 R	53,041 R	62,170 R	52,805 R	49,030 R	54,577 R	62,588 R	60,977 R	71,927 R	69,486 R	60,548 R	690,633 R
Retail Bags	33,784 R	38,765 R	44,689 R	49,345 R	37,793 R	37,057 R	40,509 R	48,547 R	45,723 R	53,777 R	50,411 R	46,433 R	526,833 R
Grocery Sacks & T-Shirt Bags	19,885 R	19,462 R	21,320 R	26,488 R	19,657 R	20,520 R	21,899 R	22,453 R	23,842 R	23,367 R	23,203 R	23,150 R	265,246 R
All Other Retail Bags	3,876 R	4,419 R	7,294 R	7,444 R	4,977 R	5,633 R	5,078 R	9,301 R	6,960 R	10,547 R	6,647 R	6,699 R	78,875 R
Trash Bags/Can Liners	10,023 R	14,884 R	16,075 R	15,413 R	13,159 R	10,904 R	13,532 R	16,793 R	14,921 R	19,863 R	20,561 R	16,584 R	182,712 R
All Other Non-Packaging Film	11,466 R	9,469 R	8,352 R	12,825 R	15,012 R	11,973 R	14,068 R	14,041 R	15,254 R	18,150 R	19,075 R	14,115 R	163,800 R
Sheet (Over 12 Mils)	33,643 R	28,512 R	30,734 R	33,847	32,590 R	31,408	31,179 R	33,226	30,381 R	33,422 R	28,849 R	19,492	367,283 R
Injection Molding, Total	115,681 R	112,367 R	139,215 R	127,966 R	141,924 R	132,794 R	147,337 R	152,074 R	156,354 R	163,196 R	137,052 R	127,661 R	1,653,621 R
Pails (5 gallons or less)	29,943 R	33,844 R	42,414 R	37,407 R	44,824 R	38,811 R	40,512 R	41,493 R	38,842 R	45,666 R	30,952 R	38,416 R	463,124 R
Housewares	7,466 R	8,732 R	9,843 R	7,595 R	8,665 R	7,243 R	12,416 R	9,293 R	12,638 R	8,745 R	9,282 R	6,728 R	108,646 R
Food Tubs/Containers & Drink Cups	24,004 R	22,606 R	28,575 R	26,482 R	24,594 R	25,768 R	28,536 R	28,911 R	29,623 R	27,800 R	28,075 R	23,795 R	318,769 R
Crates and Totes	16,366 R	12,472 R	18,800 R	16,408 R	21,729 R	20,247 R	21,659 R	22,904 R	23,034 R	22,217 R	23,352 R	16,461 R	235,649 R
Toys/Novelties/Sporting Goods	4,854	4,165	5,733	6,971	4,931	4,890	3,599	5,229	4,098 R	4,995 R	4,684	3,342	57,491 R
Caps and Closures	9,086 R	8,972 R	9,433 R	8,104 R	10,179 R	8,309 R	8,266 R	10,138 R	9,423 R	10,093 R	8,461 R	8,032 R	108,496 R
All Other Injection Molding	23,962 R	21,576 R	24,417 R	24,999 R	27,002 R	27,526 R	32,349 R	34,106 R	38,696 R	43,680 R	32,246 R	30,887 R	361,446 R
Wire and Cable	12,731 R	13,646 R	16,615 R	15,177 R	15,422 R	14,822 R	13,364	15,223 R	12,270 R	13,023 R	11,250 R	10,613 R	164,156 R
Blow Molding, Total	255,476 R	227,094 R	244,932 R	232,124 R	245,145 R	235,684 R	234,961 R	266,458 R	265,949 R	279,628 R	246,558 R	222,363 R	2,956,372 R
Motor Oil Bottles	24,729 R	16,361 R	17,706 R	17,904 R	16,315 R	19,454 R	17,142 R	20,411 R	22,136 R	27,047 R	18,131	16,495	233,831 R
Liquid Food Bottles	81,771 R	77,731 R	80,879 R	77,138 R	82,757 R	80,317 R	82,980 R	90,380 R	76,826 R	86,162 R	80,442 R	73,956 R	971,339 R
Household Chemical Bottles	76,525	67,705 R	77,812 R	69,362 R	76,115 R	73,264 R	71,692 R	81,801 R	91,782 R	86,222 R	78,999	73,875 R	925,154 R
Industrial Drums	13,647 R	13,212 R	13,052 R	13,010 R	12,794 R	12,219 R	12,814 R	13,856 R	16,416 R	15,905 R	15,512 R	9,387 R	161,824 R
Gas Tanks, All Uses	3,095	2,564 R	2,275	2,651	3,118	2,483	3,760	2,903	3,668	4,325 R	3,254	2,226	36,322 R
Pharm., Cosmetics, & Toiletries	20,811 R	16,421 R	20,247 R	19,887 R	18,217 R	17,173 R	16,081	20,142 R	20,275 R	20,015 R	18,266 R	14,751 R	222,286 R
All Other Blow Molding	34,898 R	33,100 R	32,961 R	32,172 R	35,829 R	30,774 R	30,492 R	36,965 R	34,846 R	39,952 R	31,954 R	31,673 R	405,616 R
Pipe and Conduit, Total	25,072 R	39,016 R	61,390 R	59,825 R	70,119 R	50,785 R	64,476 R	70,939 R	57,973 R	66,450 R	54,381 R	52,969 R	673,395 R
Corrugated	7,212 R	5,911 R	12,601 R	9,929 R	10,042 R	9,497 R	8,574 R	9,238 R	11,000	9,304 R	10,175 R	6,862 R	110,345 R
Non-Corrugated	17,860 R	33,105 R	48,789 R	49,896 R	60,077 R	41,288 R	55,902 R	61,701 R	46,973 R	57,146 R	44,206 R	46,107 R	563,050 R
Gas Distribution	6,618 R	10,414 R	19,127 R	17,115 R	23,432 R	17,967 R	14,118 R	26,928 R	11,627 R	19,764 R	17,072 R	12,381	196,563 R
Water	D11	D11	D11	D11	D11	D11	D11	D11	D11	D11	D11	D11	D11
Industrial/Sewer	D11	D11	D11	D11	D11	D11	D11	D11	D11	D11	D11	D11	D11
All Other Non-Corrugated Pipe	11,242 R	22,691 R	29,662 R	32,781 R	36,645 R	23,321 R	41,784 R	34,773 R	35,346 R	37,382 R	27,134 R	33,726 R	366,487 R
Other Extruded Products	7,223 R	5,943 R	8,074 R	6,729 R	8,156 R	7,848 R	7,512 R	10,195 R	7,208 R	7,879 R	3,901 R	3,376 R	84,044 R
Rotomolding	6,960 R	4,875 R	5,138	7,053 R	6,768	8,704 R	5,707 R	7,114 R	9,782 R	8,652 R	8,209 R	7,346	86,308 R
Reseller & Compounders, Total	57,255 R	60,751 R	64,168 R	72,498 R	62,253 R	65,101 R	73,679 R	101,388 R	75,548 R	83,383 R	76,219 R	102,858 R	895,101 R
Resellers	55,152 R	57,429 R	58,152 R	68,081 R	58,687 R	59,377 R	67,094 R	97,703 R	70,926 R	78,820 R	74,011 R	98,243 R	843,675 R
Compounders	2,103	3,322	6,016	4,417	3,566 R	5,724 R	6,585 R	3,685	4,622 R	4,563	2,208 R	4,615	51,426 R
All Other HDPE	16,351 R	26,339 R	26,096 R	28,740 R	24,169 R	26,946 R	22,630 R	30,462 R	26,202 R	22,412 R	23,515 R	17,170 R	291,032 R

D11 = Disclosure: Included in All Other Non-Corrugated Pipe

(P) = Production (S) = Sales (U) = Captive Use

(6) Sales Include Imports

R = Revision

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

FULL YEAR 1990

RESIN	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
POLYPROPYLENE, TOTAL (P)	669,775 R	666,423 R	717,255 R	695,830 R	718,470 R	693,536 R	660,833 R	653,887 R	691,538 R	704,578 R	758,764	679,520	8,310,409 R
POLYPROPYLENE, TOTAL (S & U)	704,152 R	658,577 R	713,654 R	667,738 R	659,601 R	652,137 R	635,973 R	758,284 R	736,066 R	712,752 R	724,509	615,180	8,238,623 R
Exports, Total	154,573	116,537 R	134,022 R	117,337 R	113,525 R	118,549	113,294 R	136,507	146,794	133,177 R	190,665	155,544	1,630,524 R
Domestic, Total	549,579 R	542,040 R	579,632 R	550,401 R	546,076 R	533,588 R	522,679 R	621,777 R	589,272 R	579,575 R	533,844	459,636	6,608,099 R
Injection Molding, Total	157,636 R	164,875 R	173,459 R	167,773 R	160,097 R	155,786 R	148,399 R	180,634 R	165,223 R	171,565 R	154,712	120,906	1,921,065 R
Appliances	14,353 R	16,086 R	17,455 R	15,018 R	15,167 R	13,096	13,184	16,804	13,194	17,642	[illegible]4,061	8,543	174,603 R
Consumer Products	45,540 R	56,004 R	55,602 R	56,895 R	52,436 R	52,597 R	48,073 R	62,725 R	58,210 R	57,463 R	48,095	39,244	632,884 R
Rigid Packaging	58,719 R	53,812	59,668 R	55,948 R	53,848	51,591	51,160 R	59,085	52,547	54,900	51,479	47,046	649,803 R
Transportation	22,602	24,411	25,938 R	24,063	26,053	24,654	22,351	27,009	27,344	25,661	25,914	13,520	289,520 R
All Other Injection Molding	16,422 R	14,562 R	14,796 R	15,849 R	12,593 R	13,848 R	13,631 R	15,011 R	13,928 R	15,899 R	15,163	12,553	174,255 R
Blow Molding	11,424	12,657 R	13,066 R	11,967 R	11,413	11,848 R	12,881 R	15,377 R	11,471	11,237 R	11,001	8,623	142,965 R
Containers	D	D	D	D	D	D	D	D	D	D	D	D	D
All Other Blow Molding	[illegible]	D	D	D	D	D	D	D	D	D	D	D	D
Film (10 Mils & Below), Total	47,665 R	49,696	48,547	48,501	49,125	49,449	50,704	52,067	48,932 R	59,017 R	53,744	40,855	598,302 R
Oriented Film	35,536 R	41,191 R	39,266	38,749 R	40,086	39,732	41,612	43,388	40,733 R	48,656 R	45,379	[illegible]	[illegible]37,146 R
Non-Oriented Film	12,129 R	8,505 R	9,281	9,752 R	9,039	9,717	9,092	8,679	8,199 R	10,361	8,365	[illegible]	[illegible]11,156 R
Sheet (Over 10 Mils), Total	12,990 R	10,218 R	10,912	12,190	13,066 R	10,845	10,540	10,703	12,005	12,343	11,306	15,5[illegible]	142,687 R
Packaging	D	D	D	D	D	D	D	D	D	D	D	D	D
Non-Packaging	D	D	D	D	D	D	D	D	D	D	D	D	D
Extrusion Coating	1,126	2,284	2,640 R	803 R	1,380 R	1,773 R	1,771	2,271 R	1,05[illegible] R	1,453 R	1,117 R	1,159	18,833 R
Wire and Cable	D5	D5	D5	D5	D5	D5	D5	D5	D5	D5	D5	D5	D5
Fiber and Filaments, Total	170,516	179,044 R	178,446 R	181,200	173,740 R	162,400 R	173,349	190,005 R	185,318 R	167,114 R	167,250 R	145,942	2,074,324 R
Textile Applications	154,074 R	169,903 R	169,843 R	168,338	164,931 R	156,134 R	164,976	177,561 R	175,316 R	159,235 R	157,114 R	137,863	1,955,288 R
Nonwovens	49,048 R	54,489	45,862	53,492	53,070 R	43,811	49,163	45,444	52,464	50,477	49,482	48,124	594,926 R
Monofilament & Multifilament Fibers	59,785 R	60,315 R	62,069 R	59,966	55,498	58,766	58,898	64,690	57,624	53,108	51,799	44,823	687,341 R
Slit Film Fibers	45,241 R	55,099 R	61,912	54,880	56,363	53,557 R	56,915	67,427 R	65,228 R	55,650 R	55,833 R	44,916	673,021 R
Non-Textile Monofilaments	16,442 R	9,141 R	8,603	12,862	8,809 R	6,266 R	8,373	12,444 R	10,002	7,879 R	10,136	8,079	119,036 R
Pipe and Conduit	D5	D5	D5	D5	D5	D5	D5	D5	D5	D5	D5	D5	D5
Other Extruded Products	9,811	6,341	12,995	10,200	11,298	11,254	9,883	11,126	11,842	11,690	11,797	6,624	124,861
Resellers/Distributors/Compounders, Total	133,464 R	111,314 R	135,824 R	114,523 R	119,171 R	127,434 R	111,804 R	153,538 R	144,504 R	141,726 R	118,008 R	116,337	1,527,647 R
Resellers	63,573 R	35,422 R	58,121 R	41,536 R	39,582 R	46,147 R	41,256 R	61,273 R	50,642 R	49,805 R	47,202 R	44,144	578,703 R
Distributors	26,351 R	30,656 R	32,840 R	26,334	31,763	36,573	26,304 R	37,190	44,173	36,740	31,485	30,661	391,070 R
Compounders	43,540 R	45,236 R	44,863 R	46,653 R	47,826	44,714	44,244 R	55,075 R	49,689	55,181	39,321	41,532	557,874 R
All Other Uses	4,947 R	5,611 R	3,743 R	3,244 R	6,786 R	2,799 R	3,348 R	6,056 R	8,921 R	3,430 R	4,[illegible]09 R	3,621	57,415 R

D5 = Disclosure: Included in Other Extruded Products.
D = Disclosure
(P) = Production (S) = Sales (U) = Captive Use

R = Revision

THE SOCIETY OF THE PLASTICS INDUSTRY
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FULL YEAR 1990

RESIN	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
POLYSTYRENE RESINS, TOTAL (P)	417,033 R	371,984 R	445,184 R	414,461 R	426,690	424,697 R	435,812 R	425,645 R	453,651 R	436,540 R	380,466 R	388,927 R	5,021,090 R
Crystal (Solid) Polystyrene	163,634 R	155,313	168,973	157,197	180,027	162,716	167,127 R	170,818 R	182,484 R	174,372 R	139,399 R	164,316	1,986,376 R
Rubber Modified Polystyrene	194,663 R	162,051	207,789	190,657 R	189,397	208,115 R	212,126 R	193,659 R	203,461 R	185,917 R	171,833 R	167,916	2,287,584 R
Expandable Polystyrene	58,736 R	54,620 R	68,422 R	66,607 R	57,266	53,866 R	56,559 R	61,168 R	67,706 R	76,251 R	69,234 R	56,695 R	747,130 R
POLYSTYRENE RESINS, TOTAL (S & U)	436,534 R	456,870 R	419,393 R	406,689 R	433,167 R	420,982 R	430,180 R	466,627 R	456,095 R	453,897 R	368,465 R	299,995 R	5,048,894 R
Crystal (Solid) Polystyrene	229,033 R	237,719 R	235,453 R	220,128 R	228,014 R	230,401 R	232,098 R	253,170 R	236,420 R	249,154 R	206,578 R	165,059 R	2,723,227 R
Rubber Modified Polystyrene	207,501 R	219,151 R	183,940 R	186,561 R	205,153 R	190,581 R	198,082 R	213,457 R	219,675 R	204,743 R	161,887 R	134,936 R	2,325,667 R
Expandable Polystyrene	D13	D13	D13	D13	D13	D13	D13	D13	D13	D13	D13	D13	D13
Exports, Total	16,155 R	13,364 R	13,213 R	10,708 R	11,638 R	17,029 R	14,809 R	19,202 R	15,944 R	16,492	15,907	22,429 R	186,890 R
Crystal (Solid) Polystyrene	8,147 R	6,519 R	9,256 R	6,021 R	5,223 R	10,187 R	7,641	10,813 R	8,747 R	10,214	11,331	13,293 R	107,392 R
Rubber Modified Polystyrene	8,008 R	6,845 R	3,957 R	4,687 R	6,415 R	6,842	7,168 R	8,389 R	7,197 R	6,278	4,576	9,136	79,498 R
Expandable Polystyrene	D13	D13	D13	D13	D13	D13	D13	D13	D13	D13	D13	D13	D13
Domestic, Total	420,379 R	443,506 R	406,180 R	395,981 R	421,529 R	403,953 R	415,371 R	447,425 R	440,151 R	437,405 R	352,558 R	277,566 R	4,862,004 R
Molding	147,957 R	155,882 R	134,922 R	135,959 R	145,393 R	137,835 R	148,591 R	159,829 R	162,255 R	156,076 R	121,482 R	108,813 R	1,714,994 R
Extrusion	206,169 R	219,424 R	192,955 R	192,397 R	211,851 R	195,885 R	191,935 R	218,977 R	208,152 R	200,693 R	160,741 R	122,025 R	2,321,204 R
Expandable Polystyrene	51,583 R	55,461 R	66,794 R	57,039 R	51,768 R	57,399 R	61,413 R	56,973 R	55,927 R	67,849 R	60,944 R	40,511 R	683,661 R
Block	16,000 R	19,742 R	29,312 R	21,042 R	15,181 R	24,343 R	26,503 R	25,217 R	22,172 R	28,478 R	25,844 R	12,041 R	265,875 R
Shape	11,657	13,442 R	13,525 R	12,640 R	13,722	11,853 R	12,824 R	11,797 R	13,156 R	14,548 R	14,149 R	7,403 R	150,716 R
Loose Fill	D6	D6	D6	D6	D6	D6	D6	D6	D6	D6	D6	D6	D6
Other EPS	23,926	22,277 R	23,957 R	23,357 R	22,865 R	21,203 R	22,086 R	19,959 R	20,599 R	24,823 R	20,951 R	21,067 R	267,070 R
All Other Uses	14,670 R	[illegible] R	11,509 R	10,586 R	12,517 R	12,834 R	13,432 R	11,646 R	13,817 R	12,787 R	9,391 R	6,217 R	142,145 R
Polystyrene End-Uses, Total	420,379 R	443,506 R	406,180 R	395,981 R	421,529 R	403,953 R	415,371 R	447,425 R	440,151 R	437,405 R	352,558 R	277,566 R	4,862,004 R
Packaging & One Time Use	165,185 R	178,262 R	154,702 R	155,052 R	171,826 R	163,439 R	162,900 R	175,464 R	172,157 R	161,352 R	126,173 R	103,896 R	1,890,408 R
Consumer & Institutional Products	46,107 R	51,580 R	46,096 R	44,515 R	47,184 R	41,543 R	43,266 R	54,162 R	50,426 R	50,111 R	38,519 R	32,710 R	546,219 R
Electrical/Electronics	60,109 R	57,989 R	54,286 R	55,028 R	58,578 R	55,080 R	55,858 R	60,526 R	63,018 R	61,723 R	51,205 R	41,758 R	675,158 R
Furniture,Furnishings,Bldg. & Construction	25,432 R	26,369 R	22,486 R	22,943 R	21,374 R	22,354 R	23,777 R	26,636 R	27,196 R	26,404 R	21,277 R	17,645 R	283,893 R
Expandable Polystyrene	51,583 R	55,461 R	66,794 R	57,039 R	51,768 R	57,399 R	61,413 R	56,973 R	55,927 R	67,849 R	60,944 R	40,511 R	683,661 R
Resellers and Compounders	56,810 R	59,136 R	49,812 R	46,412 R	55,271 R	51,641 R	56,709 R	60,856 R	60,823 R	58,216 R	45,834 R	32,880 R	634,400 R
All Other End-Uses	15,153 R	14,709 R	12,004 R	14,992 R	15,528 R	12,497 R	11,448 R	12,808 R	10,604 R	11,750 R	8,606 R	8,166 R	148,265 R

D6 = Disclosure: Included in Other EPS

D13 = Disclosure: Included in Crystal(Solid) Polystyrene

(P) = Production (S) = Sales (U) = Captive Use

R = Revision

Compiled By Ernst & Young, Washington DC, for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

THE SOCIETY OF THE PLASTICS INDUSTRY
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FULL YEAR 1990

RESIN	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
ABS (ACRYLONITRILE-BUTADIENE-STYRENE), TOTAL (P)	92,164	77,563	92,838	110,913 R	107,097 R	97,764 R	108,589 R	91,629	92,839 R	118,936	91,683 R	79,840	1,161,855 R
ABS (ACRYLONITRILE-BUTADIENE-STYRENE), TOTAL (S & U)	91,699 R	85,918 R	109,557 R	110,277 R	98,288 R	96,419	102,773 R	104,347 R	107,698 R	109,386	79,464 R	65,271 R	1,161,097 R
SAN (STYRENE-ACRYLONITRILE), TOTAL (P)	10,395	10,025	10,242	10,786	11,907	10,750 R	11,400	13,634	11,463	14,243	10,335 R	9,993 R	135,173 R
SAN (STYRENE-ACRYLONITRILE), TOTAL (S & U)	10,819 R	9,447 R	9,432	11,833 R	14,233 R	11,322	10,324 R	12,968 R	11,597 R	13,948 R	9,237 R	9,239	134,399 R
Total Exports	4,376 R	2,616 R	1,661	4,245 R	6,887 R	5,081	3,666 R	4,739 R	3,266	6,464 R	4,285 R	4,905	52,191 R
Total Domestic	6,443 R	6,831 R	7,771	7,588 R	7,346	6,241	6,658	8,229 R	8,331 R	7,484 R	4,952 R	4,334	82,208 R
OTHER STYRENICS (40% OR MORE STYRENE), TOTAL (P)	13,215 R	10,030 R	13,224 R	12,658 R	12,722 R	12,368 R	10,517 R	11,321	10,793 R	12,603 R	12,800 R	13,430 R	145,681 R
OTHER STYRENICS (40% OR MORE STYRENE), TOTAL (S & U)	12,502 R	10,728 R	15,707 R	13,418 R	14,807 R	12,519 R	11,057 R	13,146 R	11,745 R	12,265 R	12,507 R	11,344 R	151,745 R
ABS, SAN, & OTHER STYRENICS, TOTAL (P)	115,774 R	97,618 R	116,304 R	134,357 R	131,726 R	120,882 R	130,506 R	116,584	115,095 R	145,782 R	114,818 R	103,263 R	1,442,709 R
ABS, SAN, & OTHER STYRENICS, TOTAL (S & U)	115,020 R	106,093 R	134,696 R	135,528 R	127,328 R	120,260 R	124,154 R	130,461 R	131,040 R	135,599 R	101,208 R	85,854 R	1,447,241 R
Total Exports	19,043 R	13,203 R	17,116	20,523 R	21,720 R	21,534 R	21,221 R	21,486 R	21,240 R	22,903 R	20,757 R	19,606 R	240,352 R
Total Domestic	95,977 R	92,890 R	117,580 R	115,005 R	105,608 R	98,726 R	102,933 R	108,975 R	109,800 R	112,696 R	80,451 R	66,248 R	1,206,889 R
Electrical/Electronics	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2	D2
Building & Construction	10,179 R	13,263 R	16,923 R	14,677 R	12,147 R	10,485 R	12,131 R	13,357 R	15,658 R	14,021 R	10,814 R	13,146 R	156,801 R
Transportation	28,111 R	29,226 R	35,009 R	36,545 R	36,040 R	30,888 R	32,308 R	33,652 R	30,999 R	37,151 R	29,051 R	16,918 R	375,898 R
Consumer & Institutional	14,241 R	12,390 R	14,137 R	13,735 R	14,148 R	12,996 R	13,275 R	15,411 R	15,219 R	13,806 R	12,173 R	9,646 R	161,177 R
All Other Uses	43,446 R	38,011 R	51,511 R	50,048 R	43,273 R	44,357 R	45,219 R	46,555 R	47,924 R	47,718 R	28,413 R	26,538 R	513,013 R

D2 = Disclosure: Included in All Other Uses.
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FULL YEAR 1990

RESIN	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
STYRENE BASED LATEXES, TOTAL* (P)	88,281 R	76,583 R	95,096 R	90,641 R	84,267 R	88,070 R	83,762 R	95,411 R	88,813 R	91,591 R	84,620 R	76,388 R	1,043,523 R
STYRENE BASED LATEXES, TOTAL* (S & U)	88,969 R	85,594 R	96,703 R	94,678 R	95,677 R	95,995 R	84,357 R	103,307 R	89,251 R	96,035 R	89,771 R	76,187 R	1,096,524 R
Carpet Backing	31,330 R	33,125 R	35,755 R	34,737 R	38,149 R	35,928 R	31,788 R	40,723 R	33,682 R	37,055 R	31,788 R	25,111 R	409,171 R
All Other Uses	57,639 R	52,469 R	60,948 R	59,941 R	57,528 R	60,067 R	52,569 R	62,584 R	55,569 R	58,980 R	57,983 R	51,076 R	687,353 R
NYLON RESINS, TOTAL(6) (P)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Imports, Total	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Domestic, Total	48,169 R	42,245 R	49,162	47,024 R	51,787	50,570	49,381	48,301	47,033	51,039	38,017	35,579	558,307 R
NYLON RESINS, TOTAL(6) (S & U)	44,068 R	43,494	48,486 R	47,024 R	52,623 R	50,484	45,043	51,482	52,835	51,076	50,078	44,492	581,185 R
Exports, Total	6,305 R	4,870	4,910	4,587	7,731	8,073	6,392	6,514	8,559	7,664	6,892	7,596	80,093 R
Domestic, Total	37,763 R	38,624	43,576 R	42,437 R	44,892 R	42,411	38,651	44,968	44,276	43,412	43,186	36,896	501,092 R
Injection Molding Grade	21,530	23,005	25,387 R	25,178	25,914	25,873	22,803	26,202	26,964	26,345	28,211	22,624	300,036 R
Extrusion Grade	12,430	12,235	13,849 R	13,070	14,264	12,699	12,628	15,297	12,806	12,840	12,011	11,332	155,461 R
Resellers & Compounders	3,162	2,694	3,767	3,543	3,661	2,520	1,807	2,710	3,720	3,377	2,345	1,832	35,138
All Other Uses	641 R	690	573 R	646 R	1,053 R	1,319	1,413	759	786	850	619	1,108	10,457 R
Nylon End-Uses, Total	37,763 R	38,624	43,576 R	42,437 R	44,892 R	42,411	38,651	44,968	44,276	43,412	43,186	36,896	501,092 R
Automotive and Truck	11,786	11,997	14,654 R	14,641	15,237	15,156	13,658	15,517	15,154	15,801	15,282	13,543	172,426 R
Electrical and Electronic	4,552	5,501	5,229	4,987	5,212 R	5,076	4,410 R	5,338	5,542	4,880	4,934	4,153	59,814 R
Appliances	879	1,092	1,220	1,191	1,295	1,342	1,094	1,409	1,382	1,374	1,497	1,244	15,019
Film and Coating	5,820	5,656	6,221 R	6,130	6,962	6,991	6,758	7,432	6,638	6,147	6,604	5,384	76,743 R
Wire and Cable	2,971	2,815	3,423	2,877	2,965 R	2,234	2,462 R	3,252	2,921	2,985	2,857	2,279	34,041 R
Monofilament	1,858	1,914	2,209 R	1,597 R	1,684 R	1,979	1,615	1,884	1,609	1,336	1,349	1,265	20,299 R
Consumer	1,648	1,279	1,731 R	1,658	1,960	1,973	1,795	2,109	2,075	1,698	1,503	1,491	20,920 R
Industrial/Machinery	3,747	3,688	3,882 R	3,585	3,870	3,595	3,376	4,115	3,639	3,818	3,627	3,295	44,237 R
All Other End-Uses	4,502 R	4,682	5,007 R	5,771 R	5,707 R	4,065	3,483	3,912	5,316	5,373	5,533	4,242	57,593 R

R = Revision

* - Styrene Based Latexes Sales include some Canadian produced material.

(6) - Includes Sales from Imports.

(P) = Production (S) = Sales (U) = Captive Use

Compiled By Ernst & Young, Washington DC, for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

FULL YEAR 1990

RESIN	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (DRY RESIN CONTENT) (P)	721,877 R	725,199 R	793,331 R	776,055 R	789,646 R	761,797	710,434 R	774,412 R	775,181	801,046	741,759	724,797	9,095,534 R
Homopolymer Resins, Including Blending & Latex	660,061 R	663,741 R	729,777 R	713,009 R	725,765	704,417	664,438	713,458 R	708,439 R	732,057	676,402	664,103	8,355,667 R
Copolymer Resins, Including Blending & Latex	17,615 R	17,898 R	19,391 R	19,508 R	18,294 R	15,592	9,938 R	17,569 R	22,681 R	22,979	21,408	18,779	221,652 R
Dispersion Resins	44,201 R	43,560 R	44,163 R	43,538	45,587	41,788	36,058	43,385	44,061	46,010	43,949	41,915	518,215 R
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (DRY RESIN CONTENT) (S & U)	745,394 R	772,246 R	785,554 R	789,271 R	783,817 R	764,447	690,910 R	802,558 R	790,095 R	814,441	656,661	600,485	8,995,879 R
Homopolymer Resins, Including Blending & Latex	693,436	712,482	723,465	729,021	722,165	703,791	642,167 R	742,329 R	726,851 R	750,382	601,245	550,762	8,298,096 R
Copolymer Resins, Including Blending & Latex	14,387 R	21,747 R	19,852 R	18,101 R	18,488 R	16,675	11,604 R	14,848 R	18,530 R	15,459	12,903	12,504	195,098 R
Dispersion Resins	37,571	38,017	42,237	42,149	43,164	43,931	37,139	45,381	44,714	48,600	42,513	37,219	502,685
Exports, Total	103,052 R	73,551 R	75,580 R	76,584 R	68,441 R	71,681 R	60,785 R	80,398 R	70,794 R	71,802	77,181 R	114,868	944,717 R
Domestic, Total	642,342 R	698,695 R	709,974 R	712,687 R	715,376 R	692,766 R	630,125 R	722,160 R	719,301 R	742,639	579,480 R	485,617	8,051,162 R
Calendering, Total	81,234 R	84,681 R	87,615 R	88,166 R	82,973 R	86,104 R	71,539 R	91,411 R	93,964 R	95,245	71,217	63,813	997,962 R
Flooring	16,317 R	19,891 R	20,770 R	20,444 R	20,024 R	18,701 R	14,425	17,705 R	19,769	18,147	14,268	13,927	214,388 R
Textile	10,280 R	8,492 R	9,630 R	10,301 R	8,913 R	8,170 R	5,402 R	7,814 R	7,618 R	7,383	6,526	5,585	96,114 R
All Other Calendering Uses	54,637 R	56,298 R	57,215 R	57,421 R	54,036 R	59,233 R	51,712 R	65,892 R	66,577 R	69,715	50,423	44,301	687,460 R
Coating, Total	25,437 R	25,469 R	29,788 R	30,001 R	30,264 R	29,430 R	24,126 R	29,163 R	27,213 R	30,466 R	24,571 R	23,046 R	328,974 R
Flooring	10,733 R	10,433 R	13,186 R	12,366 R	14,510 R	12,887 R	9,947 R	13,119 R	13,018 R	14,344	10,580	11,007	146,130 R
Textile and Paper Coating	7,291 R	7,268 R	7,956 R	8,962 R	7,725 R	8,505 R	8,165	8,689	8,606	9,059 R	8,103 R	6,916 R	97,245 R
Protective Coatings	3,902 R	3,975 R	4,331 R	4,450 R	3,925 R	4,561 R	3,890	4,341	3,730	3,901 R	3,370 R	3,324 R	47,700 R
Adhesives & All Other Coating Uses	3,511 R	3,793 R	4,315 R	4,223 R	4,104 R	3,477 R	2,124 R	3,014 R	1,859 R	3,162	2,518	1,799	37,899 R
Extrusion, Total	429,520 R	480,489 R	477,206 R	487,829 R	489,876 R	477,032 R	441,930 R	495,449 R	496,786 R	510,759 R	395,213 R	326,540	5,508,629 R
Wire and Cable	34,241	32,074	37,268	34,085	32,119	26,426	23,570 R	32,705 R	33,364 R	33,088	24,769	22,389	366,098 R
Film and Sheet, Packaging	26,251 R	30,854	29,045	27,296	25,581	24,584	18,557	22,593	23,128	25,832	16,983	17,326	288,030 R
Film and Sheet, Non-Packaging	3,519	4,528	4,467	3,122	2,712	4,413	2,796 R	3,523 R	3,689 R	2,278	2,154	998	38,199 R
Siding, Siding Acc. & Mobie Home Skirting	65,779 R	73,302 R	69,777 R	77,097 R	67,035 R	73,010 R	71,204 R	73,718 R	74,085 R	75,146 R	53,984 R	48,826 R	822,963 R
Rigid Pipe and Tubing (except fittings)	248,189	290,180	284,609 R	300,425 R	312,849 R	300,404 R	279,852 R	307,216 R	313,269 R	323,505 R	258,657 R	206,548 R	3,425,703 R
All Other Extrusion Uses	51,541 R	49,551 R	52,040 R	45,804 R	49,580 R	48,195 R	45,951 R	55,694 R	49,251 R	50,910 R	38,666 R	30,453 R	567,636 R
Molding, Total	44,590 R	42,953 R	46,358 R	46,017 R	43,711 R	40,962 R	42,163 R	46,426 R	36,283 R	43,579 R	35,148	30,699 R	498,889 R
Bottles	17,665 R	18,387 R	20,346 R	19,699 R	18,739	20,815	17,770 R	19,738 R	16,306 R	23,273	16,209	15,156	224,103 R
Fittings (Rigid Pipe and Tubing)	13,553 R	13,118 R	13,617 R	15,262 R	15,601 R	11,140 R	14,348 R	15,722 R	13,199 R	13,454	12,712	8,898	160,624 R
All Other Molding Uses	13,372 R	11,448 R	12,395 R	11,056 R	9,371 R	9,007 R	10,045 R	10,966 R	6,778 R	6,852 R	6,227	6,645 R	114,162 R
Paste Processes (except coating), Total	13,991 R	13,753 R	16,269 R	15,345 R	17,141 R	17,702 R	13,995	15,860	16,190	17,138 R	14,339 R	12,468 R	184,191 R
Plastisol Formulation	7,354 R	7,473 R	8,809 R	7,976 R	8,995 R	10,410 R	7,924	8,428	9,570	10,123 R	8,434 R	6,905 R	102,401 R
All Other Paste Process Uses	6,637 R	6,280 R	7,460 R	7,369 R	8,146 R	7,292 R	6,071	7,432	6,620	7,015 R	5,905 R	5,563 R	81,790 R
Resellers & Compounders	28,863 R	32,937 R	33,350 R	31,626 R	36,215 R	26,326 R	22,995 R	31,691 R	35,548 R	33,880 R	28,424	21,366	363,221 R
All Other Uses	18,707 R	18,413 R	19,388 R	13,703 R	15,196 R	15,210 R	13,377 R	12,160 R	13,317 R	11,572 R	10,568 R	7,685 R	169,296 R

(P) = Production (S) = Sales (U) = Captive Use

R = Revision

Compiled By Ernst & Young, Washington DC, for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

FULL YEAR 1990

RESIN	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2) (P)													
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2) (S & U)													
Exports, Total													
Domestic, Total													
Emulsion Paints													
Adhesives, Caulks and Sealants													
Paper Treating & Paper Coating													
Textile Treating													
Non-Woven Binders													
All Other Uses													
POLYVINYL ALCOHOL, TOTAL (3) (P)													
POLYVINYL ALCOHOL, TOTAL (3) (S & U)													
Exports, Total													
Domestic, Total													
OTHER VINYL RESINS, TOTAL (4) (P)	20,129 R	20,230 R	20,724 R	17,510 R	18,556 R	15,089	13,914 R	19,339 R	18,739	16,479 R	14,250 R	16,601 R	211,560 R
OTHER VINYL RESINS, TOTAL (4) (S & U)	17,455	16,731 R	16,775	14,583	17,656	15,210 R	13,444 R	17,026 R	14,753 R	15,480	16,277 R	16,146 R	191,536 R
Exports, Total	6,303	5,237 R	6,561	4,903	7,380	5,041	4,089	6,035	4,758	5,451	5,986	5,416	67,160 R
Domestic, Total	11,152	11,494 R	10,214	9,680	10,276	10,169 R	9,355 R	10,991 R	9,995 R	10,029	10,291 R	10,730 R	124,376 R
THERMOPLASTIC POLYESTER, TOTAL (6) (P)	137,569	138,898	160,246	167,856	156,174	164,515	153,661	161,293	160,911	151,954	158,396 R	167,156	1,878,629 R
THERMOPLASTIC POLYESTER, TOTAL (6) (S & U)	142,458 R	138,793	167,124	159,980	171,756 R	166,754	150,753	148,912	171,741	156,971 R	155,931	174,250	1,905,423 R
Exports, Total	29,274	22,373 R	34,029	27,369	34,463 R	36,268	29,275	30,012	32,970	29,253 R	36,298	38,304	379,888 R
PET Bottle Grade Resin, Exports	D	D	D	D	D	D	D	D	D	D	D	D	D
All Other Exports	D	D	D	D	D	D	D	D	D	D	D	D	D
Domestic, Total	113,184 R	116,420 R	133,095	132,611	137,293 R	130,486	121,478	118,900	138,771	127,718 R	119,633	135,946	1,525,535 R
Domestic PET	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
Solid State Phase Resin	D12	D12	D12	D12	D12	D12	D12	D12	D12	D12	D12	D12	D12
PET Bottle Grades	80,741 R	79,364 R	94,010 R	89,653	93,477	100,890	80,610	78,634	102,700	83,108	83,540	108,259	1,074,986 R
PET/PBT Resellers & Compounders	N.R. 4	N.R. 4	N.R. 4	N.R. 4	N.R. 4	N.R. 4	N.R. 4	N.R. 4	N.R. 4	N.R. 4	N.R. 4	N.R. 4	N.R. 4
All Other Thermoplastic Polyester	32,443 R	37,056 R	39,085 R	42,958 -	43,816 R	29,596	40,868	40,266	36,071	44,610 R	36,093	27,687	450,549 R

(2) - The publishing of PVAC data has been suspended.
(3) - The publishing of PVOH data has been suspended.
(4) - Includes only polyvinyl butyral, polyvinyl formal and polyvinylidene.
D12 = Disclosure: Included in All Other Thermoplastic Polyester.
N.R. 4 = Not Reported: Included in All Other Thermoplastic Polyester.
(P) = Production (S) = Sales (U) = Captive Use

(6) Includes Sales form Imports
N.R. = Not Reported

N/A = Not Available
R = Revision
D= Disclosure

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

FULL YEAR 1990

THERMOSETTING & THERMOPLASTIC RESINS

RESIN CODING CLASSIFICATIONS	
EPOXY (UNMODIFIED RESINS)	EPOXY
POLYESTER (UNSATURATED) RESINS	PY
UREA RESINS	UREA
MELAMINE RESINS	MELA
PHENOLIC & OTHER TAR ACID RESINS	PHEN
LOW DENSITY POLYETHYLENE 0.940 & BELOW	LDPE
LINEAR LOW DENSITY POLYETHYLENE 0.940 & BELOW	LLDPE
HIGH DENSITY POLYETHYLENE ABOVE 0.940	HDPE
POLYPROPYLENE POLYMERS & COPOLYMERS	PP
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS	ABS
STYRENE-ACRYLONITRILE (SAN)	SAN
POLYSTYRENE RESINS	PS
STYRENE BASED LATEXES - carboxylated, 45% styrene content and over	SBL
OTHER STYRENICS - over 40% styrene	OSBP
NYLON RESINS	NYLON
POLYVINYL CHORIDE & COPOLYERS (DRY RESIN CONTENT)	PVC
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE	PVAC
POLYVINYL ALCOHOL	PVOH
OTHER VINYL RESINS	OTHER VINYL
THERMOPLASTIC POLYESTER	TPY

REPORTING CLASSIFICATIONS

CATEGORY	CODE
Production	P
Imports	I
Domestic Sales & Captive Use	D
Export Sales	E

Above Legends Refer to the Following List of Reporting Companies by Resin Category.

MONTHLY STATISTICAL REPORT

FULL YEAR 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	LLDPE	HDPE	PP	ABS	SAN	PS	SBL	OSBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
ADVANCE COATING COMPANY		PD																		
A & E PLASTICS												PDE								
ALLIED CHEMICAL COMPANY															PDE					PDE
ALLIED-BENDIX CORPORATION					PD															
ALPHA CHEMICAL CORPORATION		PD																		
AMERICAN CYANAMID COMPANY			PD	PD																
AMERICAN POLYMERS, INC.												PD								
AMETEK, HAVEG DIVISION					PD															
AMOCO CHEMICAL CORPORATION									PDE			PDE								
ANDERSON DEVELOPMENT COMPANY														PD						
ARCO CHEMICAL CORPORATION												PDE		PD						
ARISTECH CHEMICAL COMPANY		PDE							PDE											
ASHLAND CHEMICAL COMPANY		PDE			PD															
ATOCHEM															PDE					
BASF CORPORATION										PD	PD	PDE	PD	PD	PDE					PDE
BELDING CHEMICAL INDUSTRIES															PDE					
BORDEN CHEMICAL COMPANY			PD	PD	PD											PDE				
BTL CORPORATION			PD	PD	PD															

Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

MONTHLY STATISTICAL REPORT

FULL YEAR 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	LLDPE	HDPE	PP	ABS	SAN	PS	SBL	OSBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
CERTAINTEED PRODUCTS CORPORATION																PD				
CHEVRON CHEMICAL CORPORATION						PDE		PDE				PDE								
CIBA-GEIGY CORPORATION	PDE																			
CUSTOM RESINS, INC.															PDE					
DART CONTAINER												PD								
DOW CHEMICAL USA	PDE	PDE				PDEI	PDEI	PDE		PD	PDE	PDE	PD	PD					PDE	
DUPONT CANADA							DI													
E. I. DUPONT DE NEMOURS & COMPANY						PDEI									PDE				PDE	PDE
EASTMAN CHEMICAL COMPANY						PDE			PDE											PDE
EMSER INDUSTRIES															PDE					
ESSO CHEMICAL CORPORATION							DI	DI												
EXXON CHEMICAL AMERICAS						PDEI	PDEI	PDE	PDE											
FINA OIL & CHEMICAL CORPORATION									PDE			PDE								
FIRESTONE SYNTHETIC RUBBER & LATEX														PD						
FORMOSA PLASTICS CORPORATION																PD				
FREEMAN CHEMICAL CORPORATION		PD																		
GENCORP													PD							

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MONTHLY STATISTICAL REPORT

FULL YEAR 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	LLDPE	HDPE	PP	ABS	SAN	PS	SBL	OSBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
GENERAL ELECTRIC PLASTICS COMPANY										PD	PDE			PD						PDE
GENESIS POLYMERS									PDE											
GEORGIA-GULF CORPORATION																PDE				
GEORGIA-PACIFIC CORPORATION			PD	PD	PDE															
GLIDDEN COATINGS & RESINS		PD																		
B. F. GOODRICH CHEMICAL COMPANY											PDE					PDE				
GOODYEAR CHEMICAL DIVISION													PD	PD		PDE				PDE
W. R. GRACE & COMPANY										PD									PD	
GRIFFTEX CHEMICAL COMPANY			PD																	
HARBORCHEM, INC.			PD	PD																
HIMONT USA, INC.								PDE	PDE											
HOECHST-CELANESE				PD	PDE			PDE							PDE					PDE
HUNTSMAN CHEMICAL CORPORATION									PDE			PDE		PD						
ICI AMERICAS, INC.																				PD
INTERPLASTICS CORPORATION		PD																		
IRONSIDES COMPANY					PD															
KEYSOR-CENTURY CORPORATION																PDE				
LYONDELL						PDE			PDE											
MASONITE CORPORATION					PD															

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MONTHLY STATISTICAL REPORT

FULL YEAR 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	LLDPE	HDPE	PP	ABS	SAN	PS	SBL	OSBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
MOBAY CORPORATION															PD					
MOBIL CHEMICAL COMPANY						PDEI	PDEI	PDE				PDE								
MONSANTO COMPANY			PD	PD						PD	PDE			PD	PDE				PDE	
MORTON INDUSTRIES													PD	PD					PDE	
NESTE CHEMICALS			PD	PD	PD															
NOVACOR CHEMICALS LTD.						DI	DI	DI												
NYLON CORPORATION OF AMERICA															PD					
OXYCHEM			PD		PDE			PDE								PDE				
OWENS-CORNING FIBERGLASS		PDE		PD	PD															
PACIFIC WESTERN RESINS																PDE				
PAXON CHEMICAL								PDE												
PHILLIPS 66 COMPANY							D	DE	PDE											
PLASLOK CORPORATION					PD															
PLASTICS ENGINEERING COMPANY					PDE															
POLYSAR, INC.												PDE								
QUANTUM CHEMICAL COMPANY						PDE	PDE	PDE	PDE											
REICHHOLD CHEMICALS, INC.	PDE	PDE											PD							
REXENE CORPORATION						PDE			PDE											
RHONE POULENC	PDE		PD	PD									PD							

Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

MONTHLY STATISTICAL REPORT

FULL YEAR 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	LLDPE	HDPE	PP	ABS	SAN	PS	SBL	OSBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
ROGERS CORPORATION					PDE															
ROHM AND HAAS COMPANY														D					PDE	
SCHERING BERLIN		PD																		
SCOTT POLYMERS												PDE								
SEQUA CHEMICAL																				
SHAKESPEARE COMPANY															PDE					
SHELL CHEMICAL COMPANY	PDE								PDE											
SHINTECH, INC.																PDE				
SILMAR		PDE																		
SOLTEX POLYMERS							PDE	PDE	PDE											
TRI NOVA CORPORATION		PD	PD	PD	PD															
UNION CARBIDE CORPORATION	DE					PDEI	PDEI	PDE												
UNION CHEMICAL													PD						PD	
VALITE DIV. OF VALENTINE SUGARS, INC.					PD															
VISTA CHEMICAL COMPANY																PDE				
VYGEN CORPORATION																PDE				
WELLMAN, INC.															PDE					
WEST LAKE POLYMERS						PDE														
TOTAL	6	13	11	11	17	12	10	14	14	5	5	13	8	11	13	12	N/A	N/A	7	8

N/A - Not Applicable

Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

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The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

JANUARY 31, 1991

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING & THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

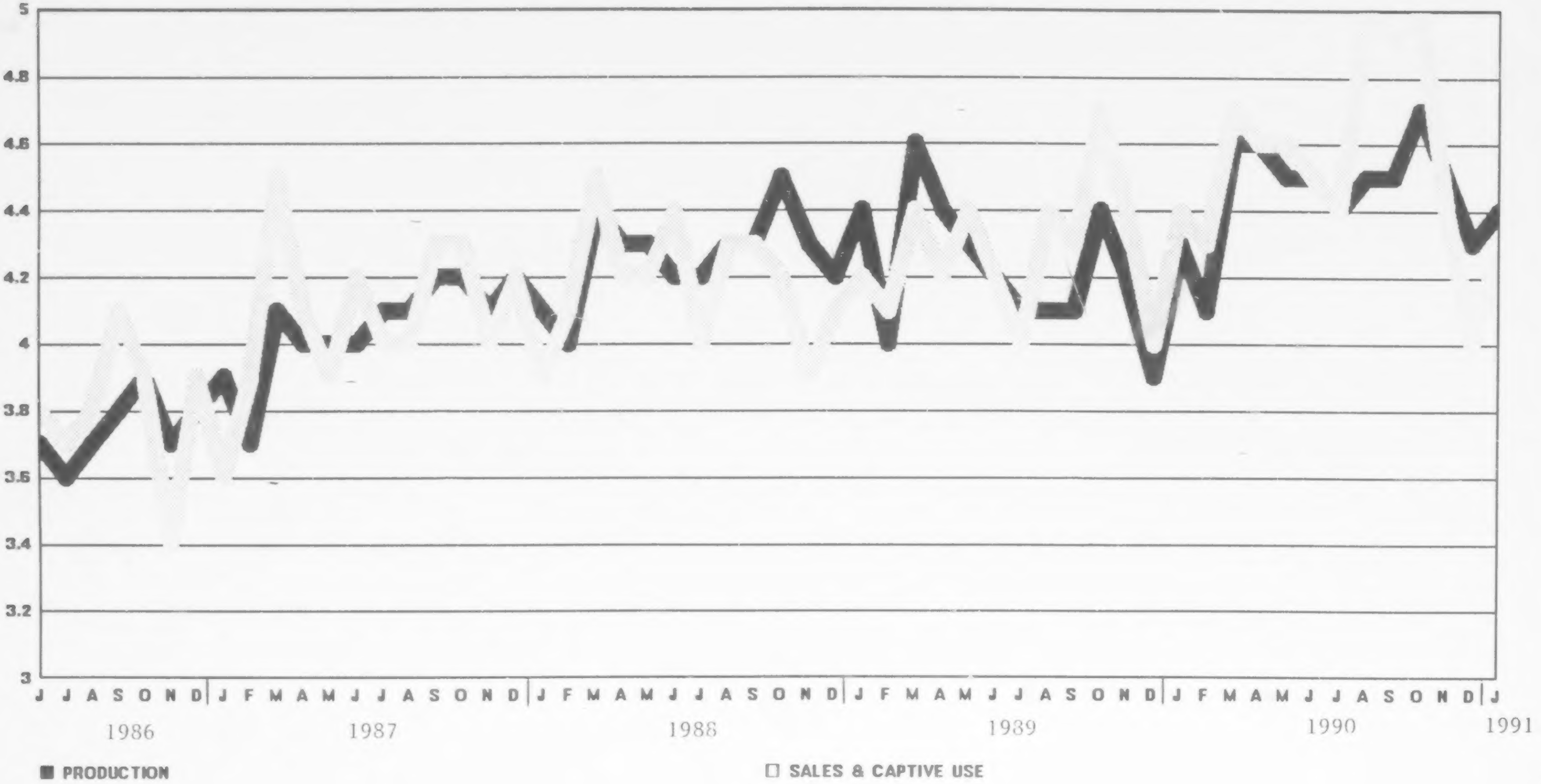
Release Date: March 18, 1991

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(BILLIONS OF POUNDS)

JANUARY 1991



THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

MONTHLY STATISTICAL REPORT

(Thousands of pounds, dry weight basis)(1)

JANUARY 1991

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JANUARY			YEAR-TO-DATE			JANUARY			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	% CHG	1991	1990	% CHG	1991	1990	% CHG
EPOXY RESIN, TOTAL	41,065	39,370	4.3	41,065	39,370	4.3	39,867	35,934	10.9	39,867	35,934	10.9
POLYESTER (UNSATURATED) RESINS, TOTAL	88,313	108,698	-18.8	88,313	108,698	-18.8	88,489	109,939	-19.5	88,489	109,939	-19.5
UREA RESINS, TOTAL	120,993	131,117	-7.7	120,993	131,117	-7.7	121,404	130,793	-7.2	121,404	130,793	-7.2
MELAMINE RESINS, TOTAL	14,194	13,682	3.7	14,194	13,682	3.7	16,882	15,520	8.8	16,882	15,520	8.8
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	227,610	255,729	-11.0	227,610	255,729	-11.0	230,590	256,226	-10.0	230,590	256,226	-10.0
THERMOSETTING RESINS, TOTAL	492,175	548,596	-10.3	492,175	548,596	-10.3	497,232	548,412	-9.3	497,232	548,412	-9.3
LOW-DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	557,587	588,032	-5.2	557,587	588,032	-5.2	615,783	583,688	5.5	615,783	583,688	5.5
LINEAR-LOW DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	378,664	335,496	12.9	378,664	335,496	12.9	336,731	276,577	21.7	336,731	276,577	21.7
HIGH-DENSITY POLYETHYLENE (ABOVE 0.940), TOTAL (6)	711,034	665,889	6.8	711,034	665,889	6.8	689,399	634,905	12.9	689,399	634,905	12.9
POLYPROPYLENE, TOTAL (6)	669,620	704,152	-4.9	669,620	704,152	-4.9	701,437	669,775	4.7	701,437	669,775	4.7
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	94,350	91,699	2.9	94,350	91,699	2.9	89,675	92,164	-2.7	89,675	92,164	-2.7
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	10,714	10,819	-1.0	10,714	10,819	-1.0	10,314	10,395	-0.8	10,314	10,395	-0.8
POLYSTYRENE RESINS, TOTAL	389,404	436,534	-10.8	389,404	436,534	-10.8	386,290	417,033	-7.4	386,290	417,033	-7.4
STYRENE BASED LATEXES, TOTAL **	88,575	88,969	-0.4	88,575	88,969	-0.4	84,303	88,281	-4.5	84,303	88,281	-4.5
OTHER STYRENICS, TOTAL (40% or More Styrene)	12,741	12,502	1.9	12,741	12,502	1.9	12,018	13,215	-9.1	12,018	13,215	-9.1
NYLON RESINS (6)	46,074	44,068	4.6	46,074	44,068	4.6	44,541	48,169	-7.5	44,541	48,169	-7.5
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	711,060	745,394	-4.6	711,060	745,394	-4.6	727,144	721,877	0.7	727,144	721,877	0.7
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)	N/A	N/A		N/A	N/A		N/A	N/A		N/A	N/A	
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
OTHER VINYL RESINS (4)	13,983	17,455	-19.9	13,983	17,455	-19.9	16,747	20,129	-16.8	16,747	20,129	-16.8
THERMOPLASTIC POLYESTER, TOTAL (6)	168,911	142,458	18.6	168,911	142,458	18.6	168,250	137,569	22.3	168,250	137,569	22.3
THERMOPLASTIC RESINS, TOTAL	3,852,717	3,883,467	-0.8	3,852,717	3,883,467	-0.8	3,882,632	3,713,777	4.5	3,882,632	3,713,777	4.5
GRAND TOTAL	4,344,892	4,432,063	-2.0	4,344,892	4,432,063	-2.0	4,379,864	4,262,189	2.8	4,379,864	4,262,189	2.8

(1) = Except phenolic resins which are reported on a gross weight basis.

** = Sales and Captive Use figures include some Canadian produced materials.

(2) = The publishing of PVAC has been suspended.

D = Disclosure.

N/A = Not Available.

(3) = The publishing of PVOH data has been suspended.

(4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

(6) = Data Includes Sales from Imports.

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JANUARY			YEAR-TO-DATE			JANUARY			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	% CHG	1991	1990	% CHG	1991	1990	% CHG
EPOXY RESIN, TOTAL	41,065	39,370	4.3	41,065	39,370	4.3	39,867	35,934	10.9	39,867	35,934	10.9
Exports, Total	9,809	7,594	29.2	9,809	7,594	29.2						
Captive Use, Total	1,316	1,482	-11.2	1,316	1,482	-11.2						
Domestic Sales, Total	29,940	30,294	-1.2	29,940	30,294	-1.2						
Domestic Sales & Captive Use,Total	31,256	31,776	-1.6	31,256	31,776	-1.6						
Bonding & Adhesives	2,272	2,172	4.6	2,272	2,172	4.6						
Flooring, Paving & Exposed Aggregate	1,909	2,133	-10.5	1,909	2,133	-10.5						
Protective Coatings	15,038	15,210	-1.1	15,038	15,210	-1.1						
Fiber Reinforced Laminates & Composites	6,375	6,923	-7.9	6,375	6,923	-7.9						
FRL&C for Printed Wiring Board	3,958	4,621	-14.3	3,958	4,621	-14.3						
All Other FRL&C	2,417	2,302	5.0	2,417	2,302	5.0						
Tooling, Casting & Molded Resins	2,204	1,952	12.9	2,204	1,952	12.9						
All Other Uses	3,458	3,386	2.1	3,458	3,386	2.1						
POLYESTER (UNSATURATED) RESINS, TOTAL	88,313	108,698	-18.8	88,313	108,698	-18.8	88,489	109,939	-19.5	88,489	109,939	-19.5
Total Exports	1,601	1,347	18.9	1,601	1,347	18.9						
Total Domestic	86,712	107,351	-19.2	86,712	107,351	-19.2						
General Purpose Resins, Total	71,764	92,995	-22.8	71,764	92,995	-22.8						
General Purpose - Thixotropic	25,765	36,185	-28.8	25,765	36,185	-28.8						
General Purpose - Press Molding	9,634	11,701	-17.7	9,634	11,701	-17.7						
General Purpose - Panel	5,844	7,819	-25.3	5,844	7,819	-25.3						
General Purpose - All Other	30,521	37,290	-18.2	30,521	37,290	-18.2						
Flame Retardant Resins	1,652	1,996	-17.2	1,652	1,996	-17.2						
Chemical Resistant Resins, Total	13,296	12,360	7.6	13,296	12,360	7.6						
Chemical Resistant Isophthalic Resins	9,672	8,762	10.4	9,672	8,762	10.4						
All Other Chemical Resistant Resins	3,624	3,598	0.7	3,624	3,598	0.7						
Reinforced Plastic, Total	62,864	79,273	-20.7	62,864	79,273	-20.7						
Non-Reinforced Plastics, Total	23,848	28,078	-15.1	23,848	28,078	-15.1						

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)(1)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JANUARY			YEAR-TO-DATE			JANUARY			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1990	1989	% CHG
UREA RESINS, TOTAL (E)	120,993	131,117	-7.7	120,993	131,117	-7.7	121,404	130,793	-7.2	121,404	130,793	-7.2
MELAMINE RESINS, TOTAL (E)	14,194	13,682	3.7	14,194	13,682	3.7	16,882	15,520	8.8	16,882	15,520	8.8
UREA & MELAMINE RESINS, TOTAL (E)	135,187	144,799	-6.6	135,187	144,799	-6.6	138,286	146,313	-5.5	138,286	146,313	-5.5
Total Exports	D1	D1		D1	D1							
Total Domestic	135,187	144,799	-6.6	135,187	144,799	-6.6						
Textile Coating & Treating Resins	1,526	3,159	-51.7	1,526	3,159	-51.7	1,853	3,278	-43.5	1,853	3,278	-43.5
Paper Coating & Treating Resins	4,143	3,603	15.0	4,143	3,603	15.0	4,381	3,666	19.5	4,381	3,666	19.5
Molding Compounds	D2	D2		D2	D2		D2	D2		D2	D2	
Bonding & Adhesive Resins for:	109,343	115,821	-5.6	109,343	115,821	-5.6	108,913	115,681	-5.9	108,913	115,681	-5.9
Laminating	1,707	2,626	-35.0	1,707	2,626	-35.0	1,760	2,689	-34.5	1,760	2,689	-34.5
Plywood	4,622	4,802	-3.7	4,622	4,802	-3.7	4,591	4,682	-1.9	4,591	4,682	-1.9
Fibrous & Granulated Wood (Particle Board)	103,014	108,393	-5.0	103,014	108,393	-5.0	102,562	108,310	-5.3	102,562	108,310	-5.3
Protective Coatings (Straight & Modified)	8,117	7,532	7.8	8,117	7,532	7.8	11,301	10,083	12.1	11,301	10,083	12.1
All Other Uses	12,058	14,684	-17.9	12,058	14,684	-17.9	11,838	13,605	-13.0	11,838	13,605	-13.0
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	227,610	255,729	-11.0	227,610	255,729	-11.0	230,590	256,226	-10.0	230,590	256,226	-10.0
Total Exports	933	1,251	-25.4	933	1,251	-25.4						
Total Domestic	226,677	254,478	-10.9	226,677	254,478	-10.9						
Molding Compounds	12,847	12,573	2.2	12,847	12,573	2.2	12,782	13,615	-6.1	12,782	13,615	-6.1
Bonding & Adhesive Resins for:	210,649	238,968	-11.9	210,649	238,968	-11.9	211,133	239,010	-11.7	211,133	239,010	-11.7
Laminating	14,875	15,741	-5.5	14,875	15,741	-5.5	14,932	15,708	-4.9	14,932	15,708	-4.9
Coated & Bonded Abrasives	D3	2,177		D3	2,177		D3	1,866		D3	1,866	
Friction Materials	3,161	3,535	-10.6	3,161	3,535	-10.6	3,652	4,209	-13.2	3,652	4,209	-13.2
Insulation Materials	33,570	34,541	-2.8	33,570	34,541	-2.8	33,637	34,290	-1.9	33,637	34,290	-1.9
Foundry & Shell Molding	6,028	5,804	3.9	6,028	5,804	3.9	6,296	5,561	13.2	6,296	5,561	13.2
Plywood	D3	D3		D3	D3		D3	D3		D3	D3	
Fibrous and Granulated Wood	D3	D3		D3	D3		D3	D3		D3	D3	
Resins Sold to Rubber Industry	D3	D3		D3	D3		D3	D3		D3	D3	
All Other	153,015	177,170	N/C	153,015	177,170	N/C	152,616	177,376	N/C	152,616	177,376	N/C
Protective Coatings - Unmodified & Modified	D2	D2		D2	D2		D2	D2		D2	D2	
Resins Sold to Rubber Ind. - Non Adhesive Uses	D2	D2		D2	D2		D2	D2		D2	D2	
All Other Uses	3,181	2,937	8.3	3,181	2,937	8.3	6,675	3,601	85.4	6,675	3,601	85.4

(E) = Estimate - Data include estimates for one company.
D1 = Disclosure: Included in Domestic, Total and All Other Uses.
D2 = Disclosure: Included in All Other Uses.
D3 = Disclosure: Included in All Other Bonding & Adhesive Resins.

(1) = Phenolic is on a Gross Weight Basis.
N/C = Not Comparable.

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JANUARY			YEAR-TO-DATE			JANUARY			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
LOW DENSITY POLYETHYLENE - 0.940 & BELOW, TOTAL (6)	557,587	588,032	-5.2	557,587	588,032	-5.2	630,540	594,262	6.1	630,540	594,262	6.1
Imports, Total							14,757	10,574	39.6	14,757	10,574	39.6
Exports, Total	106,201	75,654	40.4	106,201	75,654	40.4						
Domestic, Total	451,386	512,378	-11.9	451,386	512,378	-11.9	615,783	583,688	5.5	615,783	583,688	5.5
Film (12 Mils & Below)	267,635	296,870	-9.8	267,635	296,870	-9.8						
Packaging Film	187,184	202,095	-7.4	187,184	202,095	-7.4						
Food Packaging Film	92,766	105,963	-12.5	92,766	105,963	-12.5						
Non-Food Packaging Film	75,871	70,615	7.4	75,871	70,615	7.4						
Shrink Film	9,454	13,939	-32.2	9,454	13,939	-32.2						
Stretch Film	9,093	11,578	-21.5	9,093	11,578	-21.5						
Non-Packaging Film	80,451	94,775	-15.1	80,451	94,775	-15.1						
Carry-Out Bags	8,019	7,029	14.1	8,019	7,029	14.1						
Trash and Can Liners	24,059	29,195	-17.6	24,059	29,195	-17.6						
Other Non-Packaging Film	48,373	58,551	-17.4	48,373	58,551	-17.4						
Sheet (Over 12 Mils)	5,407	5,170	4.6	5,407	5,170	4.6						
Injection Molding	17,713	29,907	-40.8	17,713	29,907	-40.8						
Injection Molded Lids	3,355	6,824	-50.8	3,355	6,824	-50.8						
Injection Molded Housewares	3,578	4,474	-20.0	3,578	4,474	-20.0						
Other Injection Molding	10,780	18,609	-42.1	10,780	18,609	-42.1						
Wire and Cable	16,260	18,645	-12.8	16,260	18,645	-12.8						
Extrusion Coating	63,184	67,872	-6.9	63,184	67,872	-6.9						
Blow Molding	5,771	5,514	4.7	5,771	5,514	4.7						
Pipe and Conduit, Total	D5	D5		D5	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	6,075	8,560	-29.0	6,075	8,560	-29.0						
Rotomolding	D2	D2		D2	D2							
Resellers & Compounders, Total	48,812	45,940	6.3	48,812	45,940	6.3						
Resellers	34,548	30,629	12.8	34,548	30,629	12.8						
Compounders	14,264	15,311	-6.8	14,264	15,311	-6.8						
Adhesives and Sealants	8,372	9,088	-7.9	8,372	9,088	-7.9						
All Other Uses	12,157	24,812	-51.0	12,157	24,812	-51.0						

D2 = Disclosure: Included in All Other Uses.

(6) = Sales Include Imports.

D = Disclosure

D5 = Disclosure: Included in Other Extruded Products.

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	JANUARY			*YEAR-TO-DATE*			*JANUARY*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
LINEAR LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	378,664	335,496	12.9	378,664	335,496	12.9	397,213	329,902	20.4	397,213	329,902	20.4
Imports, Total							60,482	53,325	13.4	60,482	53,325	13.4
Exports, Total	41,596	15,980	160.3	41,596	15,980	160.3						
Domestic, Total	337,068	319,516	5.5	337,068	319,516	5.5	336,731	276,577	21.7	336,731	276,577	21.7
Film (12 Mils & Below)	223,055	203,369	9.7	223,055	203,369	9.7						
Packaging Film	102,583	96,223	6.6	102,583	96,223	6.6						
Food Packaging Film	20,390	16,323	24.9	20,390	16,323	24.9						
Non-Food Packaging Film	37,540	52,492	-28.5	37,540	52,492	-28.5						
Shrink Film	D10	D10		D10	D10							
Stretch Film	44,653	27,408	62.9	44,653	27,408	62.9						
Non-Packaging Film	120,472	107,146	12.4	120,472	107,146	12.4						
Carry-Out Bags	21,526	19,710	9.2	21,526	19,710	9.2						
Trash and Can Liners	81,892	68,057	20.3	81,892	68,057	20.3						
Other Non-Packaging Film	17,054	19,379	-12.0	17,054	19,379	-12.0						
Sheet (Over 12 Mils)	7,799	3,116	150.3	7,799	3,116	150.3						
Injection Molding	41,562	35,596	16.8	41,562	35,596	16.8						
Injection Molded Lids	13,055	13,734	-4.9	13,055	13,734	-4.9						
Injection Molded Housewares	20,654	12,884	60.3	20,654	12,884	60.3						
Other Injection Molding	7,853	8,978	-12.5	7,853	8,978	-12.5						
Wire and Cable	9,395	11,762	-20.1	9,395	11,762	-20.1						
Extrusion Coating	D5	D5		D5	D5							
Blow Molding	1,415	2,100	-32.6	1,415	2,100	-32.6						
Pipe and Conduit, Total	3,006	3,901	-22.9	3,006	3,901	-22.9						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	1,359	3,227	-57.9	1,359	3,227	-57.9						
Rotomolding	14,910	26,395	-43.5	14,910	26,395	-43.5						
Resellers & Compounders, Total	26,432	19,212	37.6	26,432	19,212	37.6						
Resellers	20,863	11,050	88.8	20,863	11,050	88.8						
Compounders	5,569	8,162	-31.8	5,569	8,162	-31.8						
Adhesives and Sealants	D2	D2		D2	D2							
All Other Uses	8,135	10,838	-24.9	8,135	10,838	-24.9						

D2 = Disclosure: Included in All Other Uses.

(6) = Sales Include Imports.

D = Disclosure

D5 = Disclosure: Included in Other Extruded Products.

D10 = Disclosure: Shrink Film is Included in Stretch Film.

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JANUARY			YEAR-TO-DATE			JANUARY			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
HIGH DENSITY POLYETHYLENE – ABOVE 0.940. TOTAL (6)	711,034	665,889	6.8	711,034	665,889	6.8	711,936	649,900	9.5	711,936	649,900	9.5
Imports, Total							22,537	14,995	50.3	22,537	14,995	50.3
Exports, Total	79,754	67,651	17.9	79,754	67,651	17.9						
Domestic, Total	631,280	598,238	5.5	631,280	598,238	5.5	689,399	634,905	8.6	689,399	634,905	8.6
Film (12 Mils & Below)	79,288	67,846	16.9	79,288	67,846	16.9						
Packaging Film	19,949	22,596	-11.7	19,949	22,596	-11.7						
Food Packaging Film	13,617	10,333	31.8	13,617	10,333	31.8						
Non-Food Packaging Film	6,332	12,263	-48.4	6,332	12,263	-48.4						
Non-Packaging Film	59,339	45,250	31.1	59,339	45,250	31.1						
Retail Bags	45,250	33,784	33.9	45,250	33,784	33.9						
Grocery Sacks & T-Shirt Bags	22,924	19,885	15.3	22,924	19,885	15.3						
All Other Retail Bags	22,326	3,876	N/C	22,326	3,876	N/C						
Trash Bags/Can Liners	D9	10,023		D9	10,023							
All Other Non-Packaging Film	14,089	11,466	22.9	14,089	11,466	22.9						
Sheet (Over 12 Mils)	24,481	33,643	-27.2	24,481	33,643	-27.2						
Injection Molding, Total	131,564	115,681	13.7	131,564	115,681	13.7						
Pails (5 gallons or less)	34,304	29,943	14.6	34,304	29,943	14.6						
Housewares	6,788	7,466	-9.1	6,788	7,466	-9.1						
Food Tubs/Containers & Drink Cups	30,857	24,004	28.5	30,857	24,004	28.5						
Crates and Totes	16,561	16,366	1.2	16,561	16,366	1.2						
Toys/Novelties/Sporting Goods	4,714	4,854	-2.9	4,714	4,854	-2.9						
Caps and Closures	10,260	9,086	12.9	10,260	9,086	12.9						
All Other Injection Molding	28,080	23,962	17.2	28,080	23,962	17.2						
Wire and Cable	12,019	12,731	-5.6	12,019	12,731	-5.6						
Blow Molding, Total	238,885	255,476	-6.5	238,885	255,476	-6.5						
Motor Oil Bottles	15,394	24,729	-37.7	15,394	24,729	-37.7						
Liquid Food Bottles	86,683	81,771	6.0	86,683	81,771	6.0						
Household Chemical Bottles	66,111	76,525	-13.6	66,111	76,525	-13.6						
Industrial Drums	14,173	13,647	3.9	14,173	13,647	3.9						
Gas Tanks, All Uses	2,950	3,095	-4.7	2,950	3,095	-4.7						
Pharm., Cosmetics, & Toiletries	17,861	20,811	-14.2	17,861	20,811	-14.2						
All Other Blow Molding	35,713	34,898	2.3	35,713	34,898	2.3						
Pipe and Conduit, Total	35,759	25,072	42.6	35,759	25,072	42.6						
Corrugated	4,536	7,212	-37.1	4,536	7,212	-37.1						
Non-Corrugated	31,223	17,860	74.8	31,223	17,860	74.8						
Gas Distribution	8,385	6,618	26.7	8,385	6,618	26.7						
Water	8,940	D11		8,940	D11							
Industrial/Sewer	11,290	D11		11,290	D11							
All Other Non-Corrugated Pipe	2,608	11,242	N/C	2,608	11,242	N/C						
Other Extruded Products	6,999	7,223	-3.1	6,999	7,223	-3.1						
Rotomolding	12,337	6,960	77.3	12,337	6,960	77.3						
Reseller & Compounders, Total	72,933	57,255	27.4	72,933	57,255	27.4						
Resellers	68,375	55,152	24.0	68,375	55,152	24.0						
Compounders	4,558	2,103	116.7	4,558	2,103	116.7						
All Other HDPE	17,015	16,351	4.1	17,015	16,351	4.1						

D9 = Disclosure: Included in All Other Retail Bags.

D11 = Disclosure: Included in All Other Non-Corrugated Pipe.

(6) = Sales Include Imports.

N/C = Not Comparable.

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	JANUARY			*YEAR-TO-DATE*			*JANUARY*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
POLYPROPYLENE, TOTAL (6)	669,620	704,152	-4.9	669,620	704,152	-4.9	704,399	N/A		704,399	N/A	
Imports, Total							2,962	N/A		2,962	N/A	
Exports, Total	135,004	154,573	-12.7	135,004	154,573	-12.7						
Domestic, Total	534,616	549,579	-2.7	534,616	549,579	-2.7	701,437	669,775	4.7	701,437	669,775	4.7
Injection Molding, Total	156,560	157,636	-0.7	156,560	157,636	-0.7						
Appliances	12,513	14,353	-12.8	12,513	14,353	-12.8						
Consumer Products	55,829	45,540	22.6	55,829	45,540	22.6						
Rigid Packaging	53,454	58,719	-9.0	53,454	58,719	-9.0						
Transportation	20,309	22,602	-10.1	20,309	22,602	-10.1						
All Other Injection Molding	14,455	16,422	-12.0	14,455	16,422	-12.0						
Blow Molding	13,347	11,424	16.8	13,347	11,424	16.8						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below), Total	54,899	47,665	15.2	54,899	47,665	15.2						
Oriented Film	39,927	35,536	12.4	39,927	35,536	12.4						
Non-Oriented Film	14,972	12,129	23.4	14,972	12,129	23.4						
Sheet (Over 10 Mils), Total	9,591	12,990	-26.2	9,591	12,990	-26.2						
Packaging	6,707	D		6,707	D							
Non-Packaging	2,884	D		2,884	D							
Extrusion Coating	2,052	1,126	82.2	2,052	1,126	82.2						
Wire and Cable	D5	D5		D5	D5							
Fiber and Filaments, Total	162,656	170,516	-4.6	162,656	170,516	-4.6						
Textile Applications	151,201	154,074	-1.9	151,201	154,074	-1.9						
Nonwovens	45,413	49,048	-7.4	45,413	49,048	-7.4						
Monofilament & Multifilament Fibers	56,272	59,785	-5.9	56,272	59,785	-5.9						
Slit Film Fibers	49,516	45,241	9.4	49,516	45,241	9.4						
Non-Textile Monofilaments	11,455	16,442	-30.3	11,455	16,442	-30.3						
Pipe and Conduit	D5	D5		D5	D5							
Other Extruded Products	6,991	9,811	-28.7	6,991	9,811	-28.7						
Resellers/Distributors/Compounders, Total	119,040	133,464	-10.8	119,040	133,464	-10.8						
Resellers	52,087	63,573	-18.1	52,087	63,573	-18.1						
Distributors	20,180	26,351	-23.4	20,180	26,351	-23.4						
Compounders	46,773	43,540	7.4	46,773	43,540	7.4						
All Other Uses	9,480	4,947	91.6	9,480	4,947	91.6						

D5 = Disclosure: Included in Other Extruded Products.
(6) = Sales Include Imports.

N/A = Not Available
D = Disclosure

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	JANUARY			*YEAR-TO-DATE*			*JANUARY*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
POLYSTYRENE RESINS, TOTAL	389,404	436,534	-10.8	389,404	436,534	-10.8	386,290	417,033	-7.4	386,290	417,033	-7.4
Crystal (Solid) Polystyrene	163,719	229,033	N/C	163,719	229,033	N/C	160,451	163,634	-1.9	160,451	163,634	-1.9
Rubber Modified Polystyrene	179,016	207,501	-13.7	179,016	207,501	-13.7	171,034	194,663	-12.1	171,034	194,663	-12.1
Expandable Polystyrene	46,669	D13		46,669	D13		54,805	58,736	-6.7	54,805	58,736	-6.7
Exports, Total	15,116	16,155	-6.4	15,116	16,155	-6.4						
Crystal (Solid) Polystyrene	9,154	8,147	N/C	9,154	8,147	N/C						
Rubber Modified Polystyrene	2,395	8,008	-70.1	2,395	8,008	-70.1						
Expandable Polystyrene	3,567	D13		3,567	D13							
Domestic, Total	374,288	420,379	-11.0	374,288	420,379	-11.0						
Molding	155,636	147,957	5.2	155,636	147,957	5.2						
Extrusion	164,688	206,169	-20.1	164,688	206,169	-20.1						
Expandable Polystyrene	42,590	51,583	-17.4	42,590	51,583	-17.4						
Block	12,858	16,000	-19.6	12,858	16,000	-19.6						
Shape	8,473	11,657	-27.3	8,473	11,657	-27.3						
Loose Fill	D6	D6		D6	D6							
Other EPS	21,259	23,926	-11.1	21,259	23,926	-11.1						
All Other Uses	11,374	14,670	-22.5	11,374	14,670	-22.5						
Polystyrene End-Uses, Total	374,288	420,379	-11.0	374,288	420,379	-11.0						
Packaging & One Time Use	151,234	165,185	-8.4	151,234	165,185	-8.4						
Consumer & Institutional Products	42,866	46,107	-7.0	42,866	46,107	-7.0						
Electrical/Electronics	53,928	60,109	-10.3	53,928	60,109	-10.3						
Furniture,Furnishings,Bldg. & Construction	23,963	25,432	-5.8	23,963	25,432	-5.8						
Expandable Polystyrene	42,590	51,583	-17.4	42,590	51,583	-17.4						
Resellers and Compounders	51,804	56,810	-8.8	51,804	56,810	-8.8						
All Other End-Uses	7,903	15,153	-47.8	7,903	15,153	-47.8						

D6 = Disclosure: Included in Other EPS
D13 = Disclosure: Included in Crystal (Solid) Polystyrene

N/C - Not Comparable

THE SOCIETY OF THE PLASTICS INDUSTRY
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(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	JANUARY			*YEAR-TO-DATE*			*JANUARY*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
ABS (ACRYLONITRILE-BUTADIENE-STYRENE), TOTAL	94,350	91,699	2.9	94,350	91,699	2.9	89,675	92,164	-2.7	89,675	92,164	-2.7
SAN (STYRENE-ACRYLONITRILE), TOTAL	10,714	10,819	-1.0	10,714	10,819	-1.0	10,314	10,395	-0.8	10,314	10,395	-0.8
Total Exports	4,061	4,376	-7.2	4,061	4,376	-7.2						
Total Domestic	6,653	6,443	3.3	6,653	6,443	3.3						
OTHER STYRENICS (40% OR MORE STYRENE), TOTAL	12,741	12,502	1.9	12,741	12,502	1.9	12,018	13,215	-9.1	12,018	13,215	-9.1
ABS, SAN, & OTHER STYRENICS, TOTAL	117,805	115,020	2.4	117,805	115,020	2.4	112,007	115,774	-3.3	112,007	115,774	-3.3
Total Exports	22,898	19,043	20.2	22,898	19,043	20.2						
Total Domestic	94,907	95,977	-1.1	94,907	95,977	-1.1						
Electrical/Electronics	D2	D2		D2	D2							
Building & Construction	10,161	10,179	-0.2	10,161	10,179	-0.2						
Transportation	26,686	28,111	-5.1	26,686	28,111	-5.1						
Consumer & Institutional	12,676	14,241	-11.0	12,676	14,241	-11.0						
All Other Uses	45,384	43,446	4.5	45,384	43,446	4.5						
*STYRENE BASED LATEXES, TOTAL **	88,575	88,969	-0.4	88,575	88,969	-0.4	84,303	88,281	-4.5	84,303	88,281	-4.5
Carpet Backing	29,242	31,330	-6.7	29,242	31,330	-6.7						
All Other Uses	59,333	57,639	2.9	59,333	57,639	2.9						
NYLON RESINS, TOTAL(6)	46,074	44,068	4.6	46,074	44,068	4.6	N/A	N/A		N/A	N/A	
Imports, Total							N/A	N/A		N/A	N/A	
Exports, Total	6,681	6,305	6.0	6,681	6,305	6.0						
Domestic, Total	39,393	37,763	4.3	39,393	37,763	4.3	44,541	48,169	-7.5	44,541	48,169	-7.5
Injection Molding Grade	23,249	21,530	8.0	23,249	21,530	8.0						
Extrusion Grade	13,044	12,430	4.9	13,044	12,430	4.9						
Resellers & Compounders	2,327	3,162	-26.4	2,327	3,162	-26.4						
All Other Uses	773	641	20.6	773	641	20.6						
Nylon End-Uses, Total	39,393	37,763	4.3	39,393	37,763	4.3						
Automotive and Truck	13,566	11,786	15.1	13,566	11,786	15.1						
Electrical and Electronic	4,308	4,552	-5.4	4,308	4,552	-5.4						
Appliances	1,211	879	37.8	1,211	879	37.8						
Film and Coating	6,048	5,820	3.9	6,048	5,820	3.9						
Wire and Cable	2,582	2,971	-13.1	2,582	2,971	-13.1						
Monofilament	1,595	1,858	-14.2	1,595	1,858	-14.2						
Consumer	1,861	1,648	12.9	1,861	1,648	12.9						
Industrial/Machinery	3,788	3,747	1.1	3,788	3,747	1.1						
All Other End-Uses	4,434	4,502	-1.5	4,434	4,502	-1.5						

* - Styrene Based Latexes Sales include some Canadian produced material.
D2 = Disclosure: Included in All Other Uses.

N/A = Not Available.
(6) - Includes sales from imports.

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	JANUARY			*YEAR-TO-DATE*			*JANUARY*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (DRY RESIN CONTENT)(E)	711,060	745,394	-4.6	711,060	745,394	-4.6	727,144	721,877	0.7	727,144	721,877	0.7
Homopolymer Resins, Including Blending & Latex	658,885	693,436	-5.0	658,885	693,436	-5.0	669,557	660,061	1.4	669,557	660,061	1.4
Copolymer Resins, Including Blending & Latex	13,370	14,387	-7.1	13,370	14,387	-7.1	17,207	17,615	-2.3	17,207	17,615	-2.3
Dispersion Resins	38,805	37,571	3.3	38,805	37,571	3.3	40,380	44,201	-8.6	40,380	44,201	-8.6
Exports, Total	111,226	103,052	7.9	111,226	103,052	7.9						
Domestic, Total	599,834	642,342	-6.6	599,834	642,342	-6.6						
Calendering, Total	77,509	81,234	-4.6	77,509	81,234	-4.6						
Flooring	15,361	16,317	-5.9	15,361	16,317	-5.9						
Textile	8,320	10,280	-19.1	8,320	10,280	-19.1						
All Other Calendering Uses	53,828	54,637	-1.5	53,828	54,637	-1.5						
Coating, Total	23,422	25,437	-7.9	23,422	25,437	-7.9						
Flooring	11,838	10,733	10.3	11,838	10,733	10.3						
Textile and Paper Coating	6,322	7,291	-13.3	6,322	7,291	-13.3						
Protective Coatings	3,222	3,902	-17.4	3,222	3,902	-17.4						
Adhesives & All Other Coating Uses	2,040	3,511	-41.9	2,040	3,511	-41.9						
Extrusion, Total	399,973	429,520	-6.9	399,973	429,520	-6.9						
Wire and Cable	22,981	34,241	-32.9	22,981	34,241	-32.9						
Film and Sheet, Packaging	19,911	26,251	-24.2	19,911	26,251	-24.2						
Film and Sheet, Non-Packaging	3,037	3,519	-13.7	3,037	3,519	-13.7						
Siding, Siding Acc. & Moble Home Skirting	65,558	65,779	-0.3	65,558	65,779	-0.3						
Rigid Pipe and Tubing (except fittings)	255,809	248,189	3.1	255,809	248,189	3.1						
Extruded Windows and Doors	8,943	N/A		8,943	N/A							
All Other Extrusion Uses	23,734	51,541	N/C	23,734	51,541	N/C						
Molding, Total	33,396	44,590	-25.1	33,396	44,590	-25.1						
Bottles	15,517	17,665	-12.2	15,517	17,665	-12.2						
Fittings (Rigid Pipe and Tubing)	12,949	13,553	-4.5	12,949	13,553	-4.5						
All Other Molding Uses	4,930	13,372	-63.1	4,930	13,372	-63.1						
Paste Processes (except coating), Total	14,233	13,991	1.7	14,233	13,991	1.7						
Plastisol Formulation	8,508	7,354	15.7	8,508	7,354	15.7						
All Other Paste Process Uses	5,725	6,637	-13.7	5,725	6,637	-13.7						
Resellers & Compounders	29,687	28,863	2.9	29,687	28,863	2.9						
All Other Uses	21,614	18,707	15.5	21,614	18,707	15.5						

(E) = Estimate. Data include estimates for one company.

N/A – Not Available

N/C = Not Comparable

THE SOCIETY OF THE PLASTICS INDUSTRY
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(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	JANUARY			*YEAR-TO-DATE*			*JANUARY*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)												
Exports, Total												
Domestic, Total												
Emulsion Paints												
Adhesives, Caulks and Sealants												
Paper Treating & Paper Coating												
Textile Treating												
Non-Woven Binders												
All Other Uses												
POLYVINYL ALCOHOL, TOTAL (3)												
Exports, Total												
Domestic, Total												
OTHER VINYL RESINS, TOTAL (4)	13,983	17,455	-19.9	13,983	17,455	-19.9	16,747	20,129	-16.8	16,747	20,129	-16.8
Exports, Total	4,571	6,303	-27.5	4,571	6,303	-27.5						
Domestic, Total	9,412	11,152	-15.6	9,412	11,152	-15.6						
THERMOPLASTIC POLYESTER, TOTAL (6)	168,911	142,458	18.6	168,911	142,458	18.6	168,250	137,569	22.3	168,250	137,569	22.3
Exports, Total	54,568	29,274	86.4	54,568	29,274	86.4						
PET Bottle Grade Resin, Exports	D	D		D	D							
All Other Exports	D	D		D	D							
Domestic, Total	114,343	113,184	1.0	114,343	113,184	1.0						
Domestic PET	N.R.	N.R.		N.R.	N.R.							
Solid State Phase Resin	D12	D12		D12	D12							
PET Bottle Grades	80,116	80,741	-0.8	80,116	80,741	-0.8						
PET/PBT Resellers & Compounders	N.R.4	N.R.4		N.R.4	N.R.4							
All Other Thermoplastic Polyester	34,227	32,443	5.5	34,227	32,443	5.5						

(2) – The publishing of PVAC data has been suspended.

(3) – The publishing of PVOH data has been suspended.

(4) – Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

D12 = Disclosure: Included in All Other Thermoplastic Polyester.

N.R.4 = Not Reported: Included in All Other Thermoplastic Polyester.

R = Revision.

N.R. = Not Reported

D = Disclosure

(6) – Includes sales from imports.

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THERMOSETTING & THERMOPLASTIC RESINS

RESIN CODING CLASSIFICATIONS

EPOXY (UNMODIFIED RESINS)	EPOXY
POLYESTER (UNSATURATED) RESINS	PY
UREA RESINS	UREA
MELAMINE RESINS	MELA
PHENOLIC & OTHER TAR ACID RESINS	PHEN
LOW DENSITY POLYETHYLENE 0.940 & BELOW	LDPE
LINEAR LOW DENSITY POLYETHYLENE 0.940 & BELOW	LLDPE
HIGH DENSITY POLYETHYLENE ABOVE 0.940	HDPE
POLYPROPYLENE POLYMERS & COPOLYMERS	PP
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS	ABS
STYRENE-ACRYLONITRILE (SAN)	SAN
POLYSTYRENE RESINS	PS
STYRENE BASED LATEXES - carboxylated, 45% styrene content and over	SBL
OTHER STYRENICS - over 40% styrene	OSBP
NYLON RESINS	NYLON
POLYVINYL CHORIDE & COPOLYERS (DRY RESIN CONTENT)	PVC
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE	PVAC
POLYVINYL ALCOHOL	PVOH
OTHER VINYL RESINS	OTHER VINYL
THERMOPLASTIC POLYESTER	TPY

REPORTING CLASSIFICATIONS

CATEGORY	CODE
Production	P
Imports	I
Domestic Sales & Captive Use	D
Export Sales	E

Above Legends Refer to the Following List of Reporting Companies by Resin Category.

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THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	LLDPE	HDPE	PP	ABS	SAN	PS	SBL	OSBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
A & E PLASTICS												PDE								
ALLIED CHEMICAL COMPANY															PDE					PDE
ALLIED-BENDIX CORPORATION					PD															
ALPHA CHEMICAL CORPORATION		PD																		
AMERICAN CYANAMID COMPANY			PD	PD																
AMETEK, HAVEG DIVISION					PD															
AMOCO CHEMICAL CORPORATION									PDE			PDE								
ANDERSON DEVELOPMENT COMPANY														PD						
ARCO CHEMICAL CORPORATION												PDE		PD						
ARISTECH CHEMICAL COMPANY		PDE							PDE											
ASHLAND CHEMICAL COMPANY		PDE			PD															
ATOCHEM															PDE					
BASF CORPORATION										PD	PD	PDE	PD	PD	PDE					PDE
BELDING CHEMICAL INDUSTRIES															PDE					
BORDEN CHEMICAL COMPANY			PD	PD	PD											PDE				
BTL CORPORATION			PD	PD	PD															

Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

MONTHLY STATISTICAL REPORT

JANUARY 1991

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	LLDPE	HDPE	PP	ABS	SAN	PS	SBL	OSBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
CERTAINTEED PRODUCTS CORPORATION																PD				
CHEVRON CHEMICAL CORPORATION						PDE		PDE				PDE								
CIBA-GEIGY CORPORATION	PDE																			
CUSTOM RESINS, INC.															PDE					
DART CONTAINER												PD								
DOW CHEMICAL USA	PDE	PDE				PDEI	PDEI	PDE		PD	PDE	PDE	PD	PD					PDE	
DUPONT CANADA							DI													
E. I. DUPONT DE NEMOURS & COMPANY						PDEI									PDE				PDE	PDE
EASTMAN CHEMICAL COMPANY						PDE			PDE											PDE
EMSER INDUSTRIES															PDE					
ESSO CHEMICAL CORPORATION							DI	DI												
EXXON CHEMICAL AMERICAS						PDEI	PDEI	PDE	PDE											
FINA OIL & CHEMICAL CORPORATION									PDE			PDE								
FIRESTONE SYNTHETIC RUBBER & LATEX														PD						
FORMOSA PLASTICS CORPORATION																PD				
FREEMAN CHEMICAL CORPORATION		PD																		
GENCORP													PD							

Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

MONTHLY STATISTICAL REPORT

JANUARY 1991

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	LLDPE	HDPE	PP	ABS	SAN	PS	SBL	OSBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
GENERAL ELECTRIC PLASTICS COMPANY										PD	PDE			PD						PDE
GENESIS POLYMERS									PDE											
GEORGIA-GULF CORPORATION																PDE				
GEORGIA-PACIFIC CORPORATION			PD	PD	PDE															
GLIDDEN COATINGS & RESINS		PD																		
B. F. GOODRICH CHEMICAL COMPANY											PDE					PDE				
GOODYEAR CHEMICAL DIVISION													PD	PD		PDE				PDE
W. R. GRACE & COMPANY										PD									PD	
HARBORCHEM, INC.			PD	PD																
HIMONT USA, INC.								PDE	PDE											
HOECHST-CELANESE				PD	PDE			PDE							PDE					PDE
HUNTSMAN CHEMICAL CORPORATION									PDE			PDE		PD						
ICI AMERICAS, INC.																				PD
INTERPLASTICS CORPORATION		PD																		
IRONSIDES COMPANY					PD															
KEYSOR-CENTURY CORPORATION																PDE				
LYONDELL						PDE			PDE											
MASONITE CORPORATION					PD															

Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

MONTHLY STATISTICAL REPORT

JANUARY 1991

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	LLDPE	HDPE	PP	ABS	SAN	PS	SBL	OSBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
MOBAY CORPORATION															PD					
MOBIL CHEMICAL COMPANY						PDEI	PDEI	PDE				PDE								
MONSANTO COMPANY			PD	PD						PD	PDE			PD	PDE				PDE	
MORTON INDUSTRIES													PD	PD					PDE	
NESTE CHEMICALS			PD	PD	PD															
NOVACOR CHEMICALS LTD.						DI	DI	DI												
NYLON CORPORATION OF AMERICA															PD					
OXYCHEM			PD		PDE			PDE								PDE				
OWENS-CORNING FIBERGLASS		PDE		PD	PD															
PACIFIC WESTERN RESINS																PDE				
PAXON CHEMICAL								PDE												
PHILLIPS 66 COMPANY							D	DE	PDE											
PLASLOK CORPORATION					PD															
PLASTICS ENGINEERING COMPANY					PDE															
POLYSAR, INC.												PDE								
QUANTUM CHEMICAL COMPANY						PDE	PDE	PDE	PDE											
REICHHOLD CHEMICALS, INC.	PDE	PDE											PD							
REXENE CORPORATION						PDE			PDE											
RHONE POULENC	PDE		PD	PD									PD							

Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

MONTHLY STATISTICAL REPORT

JANUARY 1991

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	LLDPE	HDPE	PP	ABS	SAN	PS	SBL	OSBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
ROGERS CORPORATION					PDE															
ROHM AND HAAS COMPANY														D					PDE	
SCOTT POLYMERS												PDE								
SEQUA CHEMICAL																				
SHAKESPEARE COMPANY															PDE					
SHELL CHEMICAL COMPANY	PDE								PDE											
SHINTECH, INC.																PDE				
SILMAR		PDE																		
SOLTEX POLYMERS							PDE	PDE	PDE											
SPURLOCK ADHESIVES, INC.			PD																	
TRI NOVA CORPORATION		PD	PD	PD	PD															
UNION CARBIDE CORPORATION	DE					PDEI	PDEI	PDE												
UNION CHEMICAL													PD						PD	
VALITE DIV. OF VALENTINE SUGARS, INC.					PD															
VISTA CHEMICAL COMPANY																PDE				
VYGEN CORPORATION																PDE				
WELLMAN, INC.															PDE					
WEST LAKE POLYMERS						PDE														
TOTAL	6	11	11	11	17	12	10	14	14	5	5	12	8	11	13	12	N/A	N/A	7	8

N/A - Not Applicable

Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

A8920-5

The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

DECEMBER 31, 1990

DATA FOR CALCULATING APPARENT CONSUMPTION OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: March 18, 1991

CRS

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(Millions of pounds, dry weight basis)(1)

DECEMBER 1990

RESIN KIND	DECEMBER				YEAR-TO-DATE			
	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*
EPOXY RESIN, TOTAL	35.0	26.9	0.9	6.2	499.3	383.9	18.3	84.0
POLYESTER (UNSATURATED) RESINS, TOTAL	67.3	66.8	0.6	8.2	1,221.2	1,190.0	7.4	109.5
UREA RESINS, TOTAL **	97.6	97.3	1.0	1.1	1,495.5	1,497.3	19.3	36.7
MELAMINE RESINS, TOTAL **	15.4	12.9	0.5	2.5	202.0	176.0	5.0	17.4
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	202.0	200.0	2.6	5.7	2,946.3	2,916.4	40.4	93.5
THERMOSETTING RESINS, TOTAL	417.3	403.9	5.6	23.7	6,364.3	6,163.6	90.4	341.1
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	598.7	448.8	10.8	123.9	7,254.9	6,304.6	233.1	854.8
LINEAR LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	394.5	316.3	49.7	37.1	3,893.3	4,489.4	799.6	303.7
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL (6)	742.0	642.7	26.1	91.7	8,337.4	8,109.0	487.2	921.3
POLYPROPYLENE, TOTAL	679.5	459.6	7.2	159.1	8,310.4	6,608.1	58.3	1,820.4
ABS RESINS, TOTAL ** (ACRYLONITRILE-BUTADIENE-STYRENE)	79.8	65.3	4.6	19.9	1,161.9	1,161.1	75.9	200.1
SAN (STYRENE-ACRYLONITRILE) RESINS, TOTAL	10.0	4.3	0.0	6.0	135.2	82.2	6.6	79.5
OTHER STYRENICS **	89.8	87.5	0.0	19.6	1,189.2	1,248.3	4.1	192.6
POLYSTYRENE RESINS, TOTAL	388.9	277.6	2.6	28.5	5,021.1	4,862.0	75.2	299.1
NYLON RESINS, TOTAL (6)	35.6	36.9	4.3	16.5	558.3	501.1	76.6	159.2
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	724.8	485.6	3.5	79.8	9,095.5	8,051.2	143.1	893.5
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (4)								
POLYVINYL ALCOHOL, TOTAL (4)								
OTHER VINYL RESINS	16.6	10.7	N/A	N/A	211.6	124.4	N/A	N/A
THERMOPLASTIC POLYESTER, TOTAL (6)	167.2	135.9	26.1	42.6	1,878.6	1,525.5	74.1	466.2
THERMOPLASTIC RESINS, TOTAL	3,927.4	2,971.2	134.9	624.7	47,047.4	43,066.9	2,033.8	6,190.4
GRAND TOTAL	4,344.7	3,375.1	140.5	648.4	53,411.7	49,230.5	2,124.2	6,531.5

(1) = Except phenolic resins which are reported on a gross weight basis.
(4) = The publishing of PVOH and PVAC data is temporarily suspended.
* Except for Epoxy Resin, Bureau of Census exports will differ from exports published in the SPI Monthly Statistical Report.
** = Domestic Sales include Exports.
(6) = Data Includes Sales from Imports.

Monthly and Year-To-Date totals may not agree due to government revisions and rounding.

N/A = Not Available

Sources:
Sales and Production – SPI Monthly Statistical Report
Imports – Bureau of the Census (IM 145)
Exports – Bureau of the Census (EM 545)

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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A8920-5

The Society of the
Plastics Industry, Inc.

MonthlyStatisticalReport-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

FEBRUARY 28, 1991

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING & THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

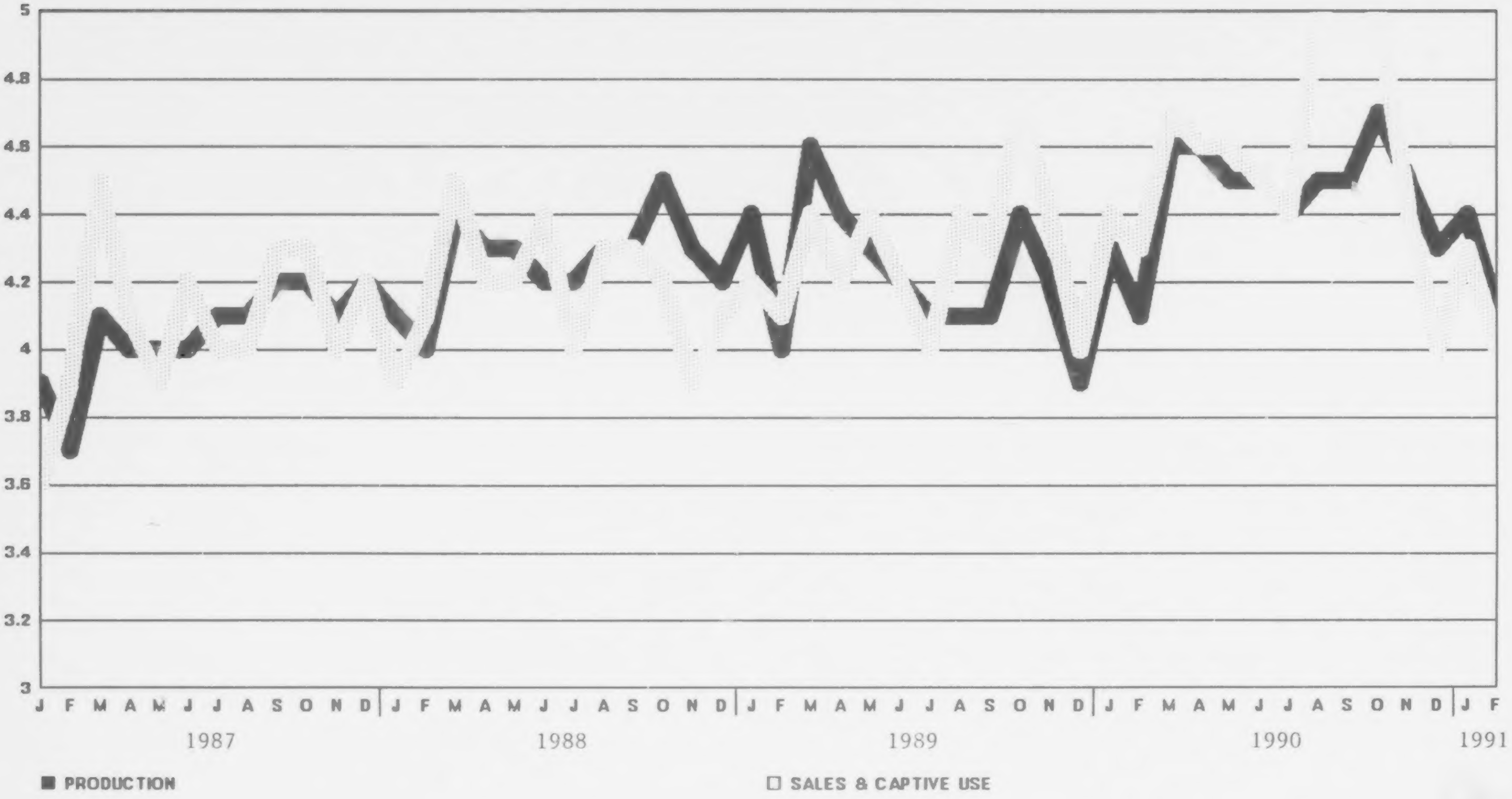
Release Date: April 16, 1991

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(BILLIONS OF POUNDS)

FEBRUARY 1991



CRS

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

MONTHLY STATISTICAL REPORT

(Thousands of pounds, dry weight basis)(1)

FEBRUARY 1991

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	FEBRUARY			YEAR-TO-DATE			FEBRUARY			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	% CHG	1991	1990	% CHG	1991	1990	% CHG
EPOXY RESIN, TOTAL	35,322	37,230	-5.1	76,387	76,600	-0.3	35,750	47,085	-24.1	75,617	83,019	-8.9
POLYESTER (UNSATURATED) RESINS, TOTAL	77,987	104,278	-25.2	166,300	212,976	-21.9	77,413	106,725	-27.5	165,902	216,664	-23.4
UREA RESINS, TOTAL	111,524	122,909	-9.3	232,517	254,026	-8.5	111,894	123,101	-9.1	233,298	253,894	-8.1
MELAMINE RESINS, TOTAL	13,754	12,281	12.0	27,948	25,963	7.6	15,738	14,865	5.9	32,620	30,385	7.4
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	192,336	235,244	-18.2	419,946	490,973	-14.5	191,353	235,377	-18.7	421,943	491,603	-14.2
THERMOSETTING RESINS, TOTAL	**430,923**	**511,942**	**-15.8**	**923,098**	**1,060,538**	**-13.0**	**432,148**	**527,153**	**-18.0**	**929,380**	**1,075,565**	**-13.6**
LOW-DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	533,084	551,397	-3.3	1,090,671	1,139,429	-4.3	575,780	560,914	2.7	1,087,563 R	1,144,602	-5.0
LINEAR-LOW DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	328,767	364,537	-9.8	707,430 R	700,033	1.1	317,211	271,984	16.6	653,941 R	548,561	19.2
HIGH-DENSITY POLYETHYLENE (ABOVE 0.940), TOTAL (6)	655,943	635,209	3.3	1,362,584 R	1,301,098	4.7	695,905	616,203	19.4	1,385,304	1,251,108	16.1
POLYPROPYLENE, TOTAL (6)	607,372	658,577	-7.8	1,276,992	1,362,729	-6.3	638,573	666,423	-4.2	1,340,210 R	1,336,198	0.3
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	74,314	85,918	-13.5	168,664	177,617	-5.0	76,409	77,563	-1.5	166,084	169,727	-2.1
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	9,092	9,447	-3.8	19,806	20,266	-2.3	9,515	10,025	-5.1	19,829	20,420	-2.9
POLYSTYRENE RESINS, TOTAL	347,467	456,870	-23.9	736,797 R	893,404	-17.5	384,533	371,984	3.4	770,823	789,017	-2.3
STYRENE BASED LATEXES, TOTAL **	77,767	85,594	-9.1	166,342	174,563	-4.7	77,368	76,583	1.0	161,671	164,864	-1.9
OTHER STYRENICS, TOTAL (40% or More Styrene)	12,108	10,728	12.9	24,849	23,230	7.0	12,107	10,030	20.7	24,125	23,245	3.8
NYLON RESINS (6)	51,476	43,494	18.4	97,550	87,562	11.4	43,499	42,245	3.0	88,040	90,414	-2.6
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	685,030	772,246	-11.3	1,396,090	1,517,640	-8.0	718,293	725,199	-1.0	1,445,437	1,447,076	-0.1
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)	N/A	N/A		N/A	N/A		N/A	N/A		N/A	N/A	
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
OTHER VINYL RESINS (4)	17,134	16,731	2.4	31,117	34,186	-9.0	14,700	20,230	-27.3	31,447	40,359	-22.1
THERMOPLASTIC POLYESTER, TOTAL (6)	141,327	138,793	1.8	310,238	281,251	10.3	138,972	138,898	0.1	307,222	276,467	11.1
THERMOPLASTIC RESINS, TOTAL	**3,540,881**	**3,829,541**	**-7.5**	**7,389,130 R**	**7,713,008**	**-4.2**	**3,702,865**	**3,588,281**	**3.2**	**7,481,696 R**	**7,302,058**	**2.5**
GRAND TOTAL	**3,971,804**	**4,341,483**	**-8.5**	**8,312,228 R**	**8,773,546**	**-5.3**	**4,135,013**	**4,115,434**	**0.5**	**8,411,076 R**	**8,377,623**	**0.4**

(1) = Except phenolic resins which are reported on a gross weight basis.

** = Sales and Captive Use figures include some Canadian produced materials.

(2) = The publishing of PVAC has been suspended.

D = Disclosure.

N/A = Not Available.

(3) = The publishing of PVOH data has been suspended.

(4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

(6) = Data Includes Sales from Imports.

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	FEBRUARY			*YEAR-TO-DATE*			*FEBRUARY*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
EPOXY RESIN, TOTAL	35,322	37,230	-5.1	76,387	76,600	-0.3	35,750	47,085	-24.1	75,617	83,019	-8.9
Exports, Total	5,645	5,649	-0.1	15,454	13,243	16.7						
Captive Use, Total	1,262	1,548	-18.5	2,578	3,030	-14.9						
Domestic Sales, Total	28,415	30,033	-5.4	58,355	60,327	-3.3						
Domestic Sales & Captive Use,Total	29,677	31,581	-6.0	60,933	63,357	-3.8						
Bonding & Adhesives	2,259	2,271	-0.5	4,531	4,443	2.0						
Flooring, Paving & Exposed Aggregate	2,016	2,079	-3.0	3,925	4,212	-6.8						
Protective Coatings	13,618	15,359	-11.3	28,656	30,569	-6.3						
Fiber Reinforced Laminates & Composites	6,509	6,990	-6.9	12,884	13,913	-7.4						
FRL&C for Printed Wiring Board	3,855	4,771	-19.2	7,813	9,392	-16.8						
All Other FRL&C	2,654	2,219	19.6	5,071	4,521	12.2						
Tooling, Casting & Molded Resins	2,280	2,144	6.3	4,484	4,096	9.5						
All Other Uses	2,995	2,738	9.4	6,453	6,124	5.4						
POLYESTER (UNSATURATED) RESINS, TOTAL	77,987	104,278	-25.2	166,300	212,976	-21.9	77,413	106,725	-27.5	165,902	216,664	-23.4
Total Exports	1,385	1,892	-26.8	2,986	3,239	-7.8						
Total Domestic	76,602	102,386	-25.2	163,314	209,737	-22.1						
General Purpose Resins, Total	64,130	88,419	-27.5	135,894	181,414	-25.1						
General Purpose - Thixotropic	21,721	32,533	-33.2	47,486	68,718	-30.9						
General Purpose - Press Molding	8,575	11,962	-28.3	18,209	23,663	-23.0						
General Purpose - Panel	7,237	5,564	30.1	13,081	13,383	-2.3						
General Purpose - All Other	26,597	38,360	-30.7	57,118	75,650	-24.5						
Flame Retardant Resins	1,709	2,097	-18.5	3,361	4,093	-17.9						
Chemical Resistant Resins, Total	10,763	11,870	-9.3	24,059	24,230	-0.7						
Chemical Resistant Isophthalic Resins	7,190	8,679	-17.2	16,862	17,441	-3.3						
All Other Chemical Resistant Resins	3,573	3,191	12.0	7,197	6,789	6.0						
Reinforced Plastic, Total	54,129	76,619	-29.4	116,993	155,892	-25.0						
Non-Reinforced Plastics, Total	22,473	25,767	-12.8	46,321	53,845	-14.0						

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)(1)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	FEBRUARY			*YEAR-TO-DATE*			*FEBRUARY*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
UREA RESINS, TOTAL (E)	111,524	122,909	-9.3	232,517	254,026	-8.5	111,894	123,101	-9.1	233,298	253,894	-8.1
MELAMINE RESINS, TOTAL (E)	13,754	12,281	12.0	27,948	25,963	7.6	15,738	14,865	5.9	32,620	30,385	7.4
UREA & MELAMINE RESINS, TOTAL (E)	125,278	135,190	-7.3	260,465	279,989	-7.0	127,632	137,966	-7.5	265,918	284,279	-6.5
Total Exports	D1	D1		D1	D1							
Total Domestic	125,278	135,190	-7.3	260,465	279,989	-7.0						
Textile Coating & Treating Resins	1,380	2,914	-52.6	2,906	6,073	-52.1	1,639	4,141	-60.4	3,492	7,419	-52.9
Paper Coating & Treating Resins	4,219	3,481	21.2	8,362	7,084	18.0	4,363	3,769	15.8	8,744	7,435	17.6
Molding Compounds	D2	D2		D2	D2		D2	D2		D2	D2	
Bonding & Adhesive Resins for:	100,778	108,027	-6.7	210,121	223,848	-6.1	101,018	108,464	-6.9	209,931	224,145	-6.3
Laminating	1,296	2,563	-49.4	3,003	5,189	-42.1	1,303	2,527	-48.4	3,063	5,216	-41.3
Plywood	4,822	2,776	73.7	9,444	7,578	24.6	4,727	2,947	60.4	9,318	7,629	22.1
Fibrous & Granulated Wood (Particle Board)	94,660	102,688	-7.8	197,674	211,081	-6.4	94,988	102,990	-7.8	197,550	211,300	-6.5
Protective Coatings (Straight & Modified)	8,067	6,944	16.2	16,184	14,476	11.8	10,651	9,316	14.3	21,952	19,399	13.2
All Other Uses	10,834	13,824	-21.6	22,892	28,508	-19.7	9,961	12,276	-18.9	21,799	25,881	-15.8
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	192,336	235,244	-18.2	419,946	490,973	-14.5	191,353	235,377	-18.7	421,943	491,603	-14.2
Total Exports	1,163	1,762	-34.0	2,096	3,013	-30.4						
Total Domestic	191,173	233,482	-18.1	417,850	487,960	-14.4						
Molding Compounds	13,651	13,842	-1.4	26,498	26,415	0.3	14,465	15,821	-8.6	27,247	29,436	-7.4
Bonding & Adhesive Resins for:	174,619	216,597	-19.4	385,268	455,565	-15.4	176,690	216,213	-18.3	387,823	455,223	-14.8
Laminating	10,966	13,136	-16.5	25,841	28,877	-10.5	10,815	13,157	-17.8	25,747	28,865	-10.8
Coated & Bonded Abrasives	D3	2,344		D3	4,521		D3	2,427		D3	4,293	
Friction Materials	3,280	3,643	-10.0	6,441	7,178	-10.3	3,247	3,641	-10.8	6,899	7,850	-12.1
Insulation Materials	30,181	35,800	-15.7	63,751	70,341	-9.4	30,390	35,765	-15.0	64,027	70,055	-8.6
Foundry & Shell Molding	5,731	5,828	-1.7	11,759	11,632	1.1	5,711	5,745	-0.6	12,007	11,306	6.2
Plywood	D3	D3		D3	D3		D3	D3		D3	D3	
Fibrous and Granulated Wood	D3	D3		D3	D3		D3	D3		D3	D3	
Resins Sold to Rubber Industry	D3	D3		D3	D3		D3	D3		D3	D3	
All Other	124,461	155,846	N/C	277,476	333,016	N/C	126,527	155,478	N/C	279,143	332,854	N/C
Protective Coatings - Unmodified & Modified	D2	D2		D2	D2		D2	D2		D2	D2	
Resins Sold to Rubber Ind. - Non Adhesive Uses	D2	D2		D2	D2		D2	D2		D2	D2	
All Other Uses	2,903	3,043	-4.6	6,084	5,980	1.7	198	3,343	-94.1	6,873	6,944	-1.0

(E) = Estimate - Data include estimates for one company.

D1 = Disclosure: Included in Domestic, Total and All Other Uses.

D2 = Disclosure: Included in All Other Uses.

D3 = Disclosure: Included in All Other Bonding & Adhesive Resins.

(1) = Phenolic is on a Gross Weight Basis.

N/C = Not Comparable.

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RESIN	SALES & CAPTIVE USE						PRODUCTION					
	FEBRUARY			YEAR-TO-DATE			FEBRUARY			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
LOW DENSITY POLYETHYLENE - 0.940 & BELOW, TOTAL (6)	533,084	551,397	-3.3	1,090,671	1,139,429	-4.3	585,509	576,858	1.5	1,112,049 R	1,171,120	-5.0
Imports, Total							9,729	15,944	-39.0	24,486	26,518	-7.7
Exports, Total	115,861	62,345	85.8	221,258 R	137,999	60.3						
Domestic, Total	417,223	489,052	-14.7	869,413 R	1,001,430	-13.2	575,780	560,914	2.7	1,087,563 R	1,144,602	-5.0
Film (12 Mils & Below)	239,955	293,853	-18.3	507,590	590,723	-14.1						
Packaging Film	167,598	201,821	-17.0	354,782	403,916	-12.2						
Food Packaging Film	85,487	95,357	-10.4	178,253	201,320	-11.5						
Non-Food Packaging Film	65,731	83,902	-21.7	141,602	154,517	-8.4						
Shrink Film	7,595	12,238	-37.9	17,049	26,177	-34.9						
Stretch Film	8,785	10,324	-14.9	17,878	21,902	-18.4						
Non-Packaging Film	72,357	92,032	-21.4	152,808	186,807	-18.2						
Carry-Out Bags	8,234	6,942	18.6	16,253	13,971	16.3						
Trash and Can Liners	18,941	27,831	-31.9	43,000	57,026	-24.6						
Other Non-Packaging Film	45,182	57,259	-21.1	93,555	115,810	-19.2						
Sheet (Over 12 Mils)	5,383	5,248	2.6	10,790	10,418	3.6						
Injection Molding	17,276	33,632	-48.6	34,989	63,539	-44.9						
Injection Molded Lids	3,936	6,519	-39.6	7,291	13,343	-45.4						
Injection Molded Housewares	4,721	3,940	19.8	8,299	8,414	-1.4						
Other Injection Molding	8,619	23,173	-62.8	19,399	41,782	-53.6						
Wire and Cable	15,432	16,283	-5.2	31,692	34,928	-9.3						
Extrusion Coating	63,571	57,652	10.3	126,755	125,524	1.0						
Blow Molding	5,297	4,146	27.8	11,068	9,660	14.6						
Pipe and Conduit, Total	D5	D5		D5	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	5,840	6,913	-15.5	11,915	15,473	-23.0						
Rotomolding	D2	D2		D2	D2							
Resellers & Compounders, Total	50,709	40,318	25.8	99,567 R	86,258	15.4						
Resellers	34,226	29,767	15.0	68,820 R	60,396	13.9						
Compounders	16,483	10,551	56.2	30,747	25,862	18.9						
Adhesives and Sealants	10,051	8,661	16.0	21,084 R	17,749	18.8						
All Other Uses	3,709	22,346	-83.4	13,963 R	47,158	-70.4						

D2 = Disclosure: Included in All Other Uses.

(6) = Sales Include Imports.

D = Disclosure

D5 = Disclosure: Included in Other Extruded Products.

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RESIN	SALES & CAPTIVE USE						PRODUCTION					
	FEBRUARY			YEAR-TO-DATE			FEBRUARY			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
LINEAR LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	328,767	364,537	-9.8	707,430 R	700,033	1.1	362,213	345,831	4.7	759,425 R	675,733	12.4
Imports, Total							45,002	73,847	-39.1	105,484	127,172	-17.1
Exports, Total	33,182	20,716	60.2	74,037 R	36,696	101.8						
Domestic, Total	295,585	343,821	-14.0	633,393 R	663,337	-4.5	317,211	271,984	16.6	653,941 R	548,561	19.2
Film (12 Mils & Below)	190,852	223,171	-14.5	413,776 R	426,540	-3.0						
Packaging Film	87,534	99,216	-11.8	190,117	195,439	-2.7						
Food Packaging Film	14,422	17,902	-19.4	34,812	34,225	1.7						
Non-Food Packaging Film	32,241	52,991	-39.2	69,781	105,483	-33.8						
Shrink Film	D10	D10		D10	D10							
Stretch Film	40,871	28,323	44.3	85,524	55,731	53.5						
Non-Packaging Film	103,318	123,955	-16.6	223,659 R	231,101	-3.2						
Carry-Out Bags	18,907	19,245	-1.8	40,433	38,955	3.8						
Trash and Can Liners	70,429	83,725	-15.9	152,659 R	151,782	0.6						
Other Non-Packaging Film	13,982	20,985	-33.4	30,567 R	40,364	-24.3						
Sheet (Over 12 Mils)	2,685	5,318	-49.5	10,399 R	8,434	23.3						
Injection Molding	39,530	37,580	5.2	80,970 R	73,176	10.7						
Injection Molded Lids	12,520	15,823	-20.9	25,575	29,557	-13.5						
Injection Molded Housewares	20,338	13,618	49.3	40,992	26,502	54.7						
Other Injection Molding	6,672	8,139	-18.0	14,403 R	17,117	-15.9						
Wire and Cable	9,332	11,964	-22.0	18,727	23,726	-21.1						
Extrusion Coating	D5	D5		D5	D5							
Blow Molding	920	2,332	-60.5	2,462 R	4,432	-44.4						
Pipe and Conduit, Total	4,101	4,140	-0.9	6,699 R	8,041	-16.7						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	2,859	2,024	41.3	5,281 R	5,251	0.6						
Rotomolding	14,176	29,546	-52.0	29,086	55,941	-48.0						
Resellers & Compounders, Total	23,320	16,954	37.5	51,175 R	36,166	41.5						
Resellers	12,924	9,301	39.0	33,787	20,351	66.0						
Compounders	10,396	7,653	35.8	17,388 R	15,815	9.9						
Adhesives and Sealants	D2	D2		D2	D2							
All Other Uses	7,810	10,792	-27.6	14,818 R	21,630	-31.5						

D2 = Disclosure: Included in All Other Uses.

(6) = Sales Include Imports.

D = Disclosure

D5 = Disclosure: Included in Other Extruded Products.

D10 = Disclosure: Shrink Film is Included in Stretch Film.

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RESIN	SALES & CAPTIVE USE						PRODUCTION					
	FEBRUARY			YEAR-TO-DATE			FEBRUARY			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
HIGH DENSITY POLYETHYLENE – ABOVE 0.940. TOTAL (6)	655,943	635,209	3.3	1,362,584 R	1,301,098	4.7	720,256	636,558	13.1	1,432,192	1,286,458	11.3
Imports, Total							24,351	20,355	19.6	46,888	35,350	32.6
Exports, Total	78,547	49,017	60.2	158,053 R	116,668	35.5						
Domestic, Total	577,396	586,192	-1.5	1,204,531 R	1,184,430	1.7	695,905	616,203	12.9	1,385,304	1,251,108	10.7
Film (12 Mils & Below)	71,351	67,649	5.5	150,461 R	135,495	11.0						
Packaging Film	15,896	19,415	-18.1	33,369 R	42,011	-20.6						
Food Packaging Film	11,690	13,747	-15.0	25,307	24,080	5.1						
Non-Food Packaging Film	4,206	5,668	-25.8	8,062 R	17,931	-55.0						
Non-Packaging Film	55,455	48,234	15.0	117,092 R	93,484	25.3						
Retail Bags	45,458	38,765	17.3	93,195 R	72,549	28.5						
Grocery Sacks & T-Shirt Bags	23,322	19,462	19.8	46,246	39,347	17.5						
All Other Retail Bags	22,136	4,419	N/C	46,949 R	8,295	N/C						
Trash Bags/Can Liners	D9	14,884		D9	24,907							
All Other Non-Packaging Film	9,997	9,469	5.6	23,897 R	20,935	14.1						
Sheet (Over 12 Mils)	24,892	28,512	-12.7	49,786 R	62,155	-19.9						
Injection Molding, Total	120,001	112,367	6.8	252,648 R	228,048	10.8						
Pails (5 gallons or less)	40,490	33,844	19.6	74,878 R	63,787	17.4						
Housewares	8,353	8,732	-4.3	15,141	16,198	-6.5						
Food Tubs/Containers & Drink Cups	22,347	22,606	-1.1	53,204	46,610	14.1						
Crates and Totes	14,459	12,472	15.9	31,020	28,838	7.6						
Toys/Novelties/Sporting Goods	5,184	4,165	24.5	9,898	9,019	9.7						
Caps and Closures	6,636	8,972	-26.0	16,896	18,058	-6.4						
All Other Injection Molding	22,532	21,576	4.4	51,611 R	45,538	13.3						
Wire and Cable	11,569	13,646	-15.2	23,588	26,377	-10.6						
Blow Molding, Total	201,146	227,094	-11.4	434,325 R	482,570	-10.0						
Motor Oil Bottles	9,537	16,361	-41.7	24,931	41,090	-39.3						
Liquid Food Bottles	70,170	77,731	-9.7	149,669 R	159,502	-6.2						
Household Chemical Bottles	60,140	67,705	-11.2	126,251	144,230	-12.5						
Industrial Drums	13,643	13,212	3.3	27,816	26,859	3.6						
Gas Tanks, All Uses	2,416	2,564	-5.8	5,366	5,659	-5.2						
Pharm., Cosmetics, & Toiletries	15,141	16,421	-7.8	33,002	37,232	-11.4						
All Other Blow Molding	30,099	33,100	-9.1	67,290 R	67,998	-1.0						
Pipe and Conduit, Total	38,873	39,016	-0.4	74,033 R	64,088	15.5						
Corrugated	5,528	5,911	-6.5	10,063 R	13,123	-23.3						
Non-Corrugated	33,345	33,105	0.7	63,970 R	50,965	25.5						
Gas Distribution	12,998	10,414	24.8	21,383	17,032	25.5						
Water	4,315	D11		13,255	D11							
Industrial/Sewer	12,924	D11		24,214	D11							
All Other Non-Corrugated Pipe	3,108	22,691	N/C	5,118 R	33,933	N/C						
Other Extruded Products	7,364	5,943	23.9	15,381 R	13,166	16.8						
Rotomolding	7,205	4,875	47.8	19,542	11,835	65.1						
Reseller & Compounders, Total	75,497	60,751	24.3	148,666 R	118,006	26.0						
Resellers	69,919	57,429	21.7	138,294	112,581	22.8						
Compounders	5,578	3,322	67.9	10,372 R	5,425	91.2						
All Other HDPE	19,498	26,339	-26.0	36,101 R	42,690	-15.4						

D9 = Disclosure: Included in All Other Retail Bags.
D11 = Disclosure: Included in All Other Non-Corrugated Pipe.
(6) = Sales Include Imports.
N/C = Not Comparable.

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RESIN	SALES & CAPTIVE USE						PRODUCTION					
	FEBRUARY			YEAR-TO-DATE			FEBRUARY			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
POLYPROPYLENE, TOTAL (6)	607,372	658,577	-7.8	1,276,992	1,362,729	-6.3	639,743	N/A		1,344,342 R	N/A	
Imports, Total							1,170	N/A		4,132	N/A	
Exports, Total	126,199	116,537	8.3	261,778 R	271,110	-3.4						
Domestic, Total	481,173	542,040	-11.2	1,015,214 R	1,091,619	-7.0	638,573	666,423	-4.2	1,340,210 R	1,336,198	0.3
Injection Molding, Total	144,312	164,875	-12.5	300,914 R	322,511	-6.7						
Appliances	13,285	16,086	-17.4	25,798	30,439	-15.2						
Consumer Products	52,586	56,004	-6.1	108,415	101,544	6.8						
Rigid Packaging	47,328	53,812	-12.0	100,820 R	112,531	-10.4						
Transportation	16,369	24,411	-32.9	36,678	47,013	-22.0						
All Other Injection Molding	14,744	14,562	1.2	29,203 R	30,984	-5.7						
Blow Molding	12,378	12,657	-2.2	25,722 R	24,081	6.8						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below), Total	50,513	49,696	1.6	105,412	97,361	8.3						
Oriented Film	37,272	41,191	-9.5	77,199	76,727	0.6						
Non-Oriented Film	13,241	8,505	55.7	28,213	20,634	36.7						
Sheet (Over 10 Mils), Total	11,598	10,218	13.5	21,189	23,208	-8.7						
Packaging	6,472	D		13,128 R	D							
Non-Packaging	5,126	D		8,061 R	D							
Extrusion Coating	1,200	2,284	-47.5	2,654 R	3,410	-22.2						
Wire and Cable	D5	D5		D5	D5							
Fiber and Filaments, Total	146,032	179,044	-18.4	309,285 R	349,560	-11.5						
Textile Applications	138,890	169,903	-18.3	290,688 R	323,977	-10.3						
Nonwovens	47,350	54,489	-13.1	92,763	103,537	-10.4						
Monofilament & Multifilament Fibers	49,178	60,315	-18.5	105,450	120,100	-12.2						
Slit Film Fibers	42,362	55,099	23.1	92,475 R	100,340	-7.8						
Non-Textile Monofilaments	7,142	9,141	-21.9	18,597	25,583	-27.3						
Pipe and Conduit	D5	D5		D5	D5							
Other Extruded Products	6,130	6,341	-3.3	13,121	16,152	-18.8						
Resellers/Distributors/Compounders, Total	103,286	111,314	-7.2	228,139 R	244,778	-6.8						
Resellers	40,121	35,422	13.3	98,059 R	98,995	-0.9						
Distributors	23,176	30,656	-24.4	43,356	57,007	-23.9						
Compounders	39,989	45,236	-11.6	86,724 R	88,776	-2.3						
All Other Uses	5,724	5,611	2.0	8,778 R	10,558	-16.9						

D5 = Disclosure: Included in Other Extruded Products.
(6) = Sales Include Imports.

N/A = Not Available
D = Disclosure

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RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	FEBRUARY			*YEAR-TO-DATE*			*FEBRUARY*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
POLYSTYRENE RESINS, TOTAL	347,467	456,870	-23.9	736,797 R	893,404	-17.5	384,533	371,984	3.4	770,823	789,017	-2.3
Crystal (Solid) Polystyrene	141,240	237,719	N/C	304,959	466,752	N/C	158,310	155,313	1.9	318,761	318,947	-0.1
Rubber Modified Polystyrene	159,354	219,151	-27.3	338,370	426,652	-20.7	177,169	162,051	9.3	348,203	356,714	-2.4
Expandable Polystyrene	46,873	D13		93,468 R	D13		49,054	54,620	-10.2	103,859	113,356	-8.4
Exports, Total	19,306	13,364	44.5	34,422	29,519	16.6						
Crystal (Solid) Polystyrene	8,426	6,519	N/C	17,580	14,666	N/C						
Rubber Modified Polystyrene	6,410	6,845	-6.4	8,805	14,853	-40.7						
Expandable Polystyrene	4,470	D13		8,037	D13							
Domestic, Total	328,161	443,506	-26.0	702,375 R	863,885	-18.7						
Molding	113,359	155,882	-27.3	248,167 R	303,839	-18.3						
Extrusion	164,354	219,424	-25.1	349,870 R	425,593	-17.8						
Expandable Polystyrene	42,098	55,461	-24.1	84,614 R	107,044	-21.0						
Block	15,662	19,742	-20.7	28,494 R	35,742	-20.3						
Shape	9,965	13,442	-25.9	18,413 R	25,099	-26.6						
Loose Fill	D6	D6		D6	D6							
Other EPS	16,471	22,277	-26.1	37,707 R	46,203	-18.4						
All Other Uses	8,350	12,739	-34.5	19,724	27,409	-28.0						
Polystyrene End-Uses, Total	328,161	443,506	-26.0	702,375 R	863,885	-18.7						
Packaging & One Time Use	131,637	178,262	-26.2	282,871	343,447	-17.6						
Consumer & Institutional Products	36,782	51,580	-28.7	79,648	97,687	-18.5						
Electrical/Electronics	49,378	57,989	-14.8	103,306	118,098	-12.5						
Furniture,Furnishings,Bldg. & Construction	15,203	26,369	-42.3	39,166	51,801	-24.4						
Expandable Polystyrene	42,098	55,461	-24.1	84,614 R	107,044	-21.0						
Resellers and Compounders	44,730	59,136	-24.4	96,534	115,946	-16.7						
All Other End-Uses	8,333	14,709	-43.3	16,236	29,862	-45.6						

D6 = Disclosure: Included in Other EPS

D13 = Disclosure: Included in Crystal (Solid) Polystyrene

N/C – Not Comparable

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RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	FEBRUARY			*YEAR-TO-DATE*			*FEBRUARY*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
ABS (ACRYLONITRILE-BUTADIENE-STYRENE), TOTAL	74,314	85,918	-13.5	168,664	177,617	-5.0	76,409	77,563	-1.5	166,084	169,727	-2.1
SAN (STYRENE-ACRYLONITRILE), TOTAL	9,092	9,447	-3.8	19,806	20,266	-2.3	9,515	10,025	-5.1	19,829	20,420	-2.9
Total Exports	3,119	2,616	19.2	7,180	6,992	2.7						
Total Domestic	5,973	6,831	-12.6	12,626	13,274	-4.9						
OTHER STYRENICS (40% OR MORE STYRENE), TOTAL	12,108	10,728	12.9	24,849	23,230	7.0	12,107	10,030	20.7	24,125	23,245	3.8
ABS, SAN, & OTHER STYRENICS, TOTAL	95,514	106,093	-10.0	213,319	221,113	-3.5	98,031	97,618	0.4	210,038	213,392	-1.6
Total Exports	18,405	13,203	39.4	41,303	32,246	28.1						
Total Domestic	77,109	92,890	-17.0	172,016	188,867	-8.9						
Electrical/Electronics	D2	D2		D2	D2							
Building & Construction	6,197	13,263	-53.3	16,358	23,442	-30.2						
Transportation	22,135	29,226	-24.3	48,821	57,337	-14.9						
Consumer & Institutional	11,337	12,390	-8.5	24,013	26,631	-9.8						
All Other Uses	37,440	38,011	-1.5	82,824	81,457	1.7						
STYRENE BASED LATEXES, TOTAL (E)*	77,767	85,594	-9.1	166,342	174,563	-4.7	77,368	76,583	1.0	161,671	164,864	-1.9
Carpet Backing	27,487	33,125	-17.0	56,729	64,455	-12.0						
All Other Uses	50,280	52,469	-4.2	109,613	110,108	-0.4						
NYLON RESINS, TOTAL(6)	51,476	43,494	18.4	97,550	87,562	11.4	N/A	N/A		N/A	N/A	
Imports, Total							N/A	N/A		N/A	N/A	
Exports, Total	8,649	4,870	77.6	15,330	11,175	37.2						
Domestic, Total	42,827	38,624	10.9	82,220	76,387	7.6	43,499	42,245	3.0	88,040	90,414	-2.6
Injection Molding Grade	26,776	23,005	16.4	50,025	44,535	12.3						
Extrusion Grade	11,990	12,235	-2.0	25,034	24,665	1.5						
Resellers & Compounders	3,207	2,694	19.0	5,534	5,856	-5.5						
All Other Uses	854	690	23.8	1,627	1,331	22.2						
Nylon End-Uses, Total	42,827	38,624	10.9	82,220	76,387	7.6						
Automotive and Truck	15,144	11,997	26.2	28,710	23,783	20.7						
Electrical and Electronic	5,622	5,501	2.2	9,930	10,053	-1.2						
Appliances	1,553	1,092	42.2	2,764	1,971	40.2						
Film and Coating	5,746	5,656	1.6	11,794	11,476	2.8						
Wire and Cable	2,735	2,815	-2.8	5,317	5,786	-8.1						
Monofilament	1,810	1,914	-5.4	3,405	3,772	-9.7						
Consumer	1,798	1,279	40.6	3,659	2,927	25.0						
Industrial/Machinery	4,058	3,688	10.0	7,846	7,435	5.5						
All Other End-Uses	4,361	4,682	-6.9	8,795	9,184	-4.2						

* - Styrene Based Latexes Sales include some Canadian produced material.
D2 = Disclosure: Included in All Other Uses.
(E) = Estimate - Data include estimates for one company.

N/A = Not Available.
(6) - Includes sales from imports.

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	FEBRUARY			YEAR-TO-DATE			FEBRUARY			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (DRY RESIN CONTENT)	685,030	772,246	-11.3	1,396,090	1,517,640	-8.0	718,293	725,199	-1.0	1,445,437	1,447,076	-0.1
Homopolymer Resins, Including Blending & Latex	631,304	712,482	-11.4	1,289,727 R	1,405,918	-8.3	654,142	663,741	-1.4	1,323,075 R	1,323,802	-0.1
Copolymer Resins, Including Blending & Latex	13,633	21,747	-37.3	26,953 R	36,134	-25.4	22,331	17,898	24.8	39,984 R	35,513	12.6
Dispersion Resins	40,093	38,017	5.5	79,410 R	75,588	5.1	41,820	43,560	-4.0	82,378 R	87,761	-6.1
Exports, Total	130,366	73,551	77.2	246,756 R	176,603	39.7						
Domestic, Total	554,664	698,695	-20.6	1,149,334 R	1,341,037	-14.3						
Calendering, Total	82,119	84,681	-3.0	157,971 R	165,915	-4.8						
Flooring	16,008	19,891	-19.5	31,167 R	36,208	-13.9						
Textile	9,395	8,492	10.6	18,521 R	18,772	-1.3						
All Other Calendering Uses	56,716	56,298	0.7	108,283 R	110,935	-2.4						
Coating, Total	25,031	25,469	-1.7	48,387 R	50,906	-4.9						
Flooring	12,527	10,433	20.1	23,970 R	21,166	13.2						
Textile and Paper Coating	7,132	7,268	-1.9	13,719 R	14,559	-5.8						
Protective Coatings	3,247	3,975	-18.3	6,376 R	7,877	-19.1						
Adhesives & All Other Coating Uses	2,125	3,793	-44.0	4,322 R	7,304	-40.8						
Extrusion, Total	362,810	480,489	-24.5	764,991 R	910,009	-15.9						
Wire and Cable	26,687	32,074	-16.8	52,023 R	66,315	-21.6						
Film and Sheet, Packaging	22,734	30,854	-26.3	43,979 R	57,105	-23.0						
Film and Sheet, Non-Packaging	3,568	4,528	-21.2	8,056 R	8,047	0.1						
Siding, Siding Acc. & Moble Home Skirting	56,150	73,302	-23.4	122,160 R	139,081	-12.2						
Rigid Pipe and Tubing (except fittings)	214,386	290,180	-26.1	458,929 R	538,369	-14.8						
Extruded Windows and Doors	8,845	N/A		16,991 R	N/A							
All Other Extrusion Uses	30,440	49,551	N/C	62,853 R	101,092	N/C						
Molding, Total	34,685	42,953	-19.2	75,345 R	87,543	-13.9						
Bottles	14,941	18,387	-18.7	31,128 R	36,052	-13.7						
Fittings (Rigid Pipe and Tubing)	14,884	13,118	13.5	32,417 R	26,671	21.5						
All Other Molding Uses	4,860	11,448	-57.5	11,800 R	24,820	-52.5						
Paste Processes (except coating), Total	14,118	13,753	2.7	28,850 R	27,744	4.0						
Plastisol Formulation	7,815	7,473	4.6	16,226 R	14,827	9.4						
All Other Paste Process Uses	6,303	6,280	0.4	12,624 R	12,917	-2.3						
Resellers & Compounders	31,252	32,937	-5.1	64,734 R	61,800	4.7						
All Other Uses	4,649	18,413	-74.8	9,056 R	37,120	-75.6						

N/A – Not Available

N/C = Not Comparable

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	FEBRUARY			*YEAR-TO-DATE*			*FEBRUARY*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)												
Exports, Total												
Domestic, Total												
Emulsion Paints												
Adhesives, Caulks and Sealants												
Paper Treating & Paper Coating												
Textile Treating												
Non-Woven Binders												
All Other Uses												
POLYVINYL ALCOHOL, TOTAL (3)												
Exports, Total												
Domestic, Total												
OTHER VINYL RESINS, TOTAL (4)	17,134	16,731	2.4	31,117	34,186	-9.0	14,700	20,230	-27.3	31,447	40,359	-22.1
Exports, Total	8,647	5,237	65.1	13,218	11,540	14.5						
Domestic, Total	8,487	11,494	-26.2	17,899	22,646	-21.0						
THERMOPLASTIC POLYESTER, TOTAL (6)	141,327	138,793	1.8	310,238	281,251	10.3	138,972	138,898	0.1	307,222	276,467	11.1
Exports, Total	37,177	22,373	66.2	91,745	51,647	77.6						
PET Bottle Grade Resin, Exports	D	D		D	D							
All Other Exports	D	D		D	D							
Domestic, Total	104,150	116,420	-10.5	218,493	229,604	-4.8						
Domestic PET	N.R.	N.R.		N.R.	N.R.							
Solid State Phase Resin	D12	D12		D12	D12							
PET Bottle Grades	69,487	79,364	-12.4	149,603	160,105	-6.6						
PET/PBT Resellers & Compounders	N.R.4	N.R.4		N.R.4	N.R.4							
All Other Thermoplastic Polyester	34,663	37,056	-6.5	68,890	69,499	-0.9						

(2) – The publishing of PVAC data has been suspended.

(3) – The publishing of PVOH data has been suspended.

(4) – Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

D12 = Disclosure: Included in All Other Thermoplastic Polyester.

N.R.4 = Not Reported: Included in All Other Thermoplastic Polyester.

R = Revision.

N.R. = Not Reported

D = Disclosure

(6) – Includes sales from imports.

The Society of the
Plastics Industry, Inc.

Monthly Statistical Report-Resins

SPI

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

JANUARY 31, 1991

DATA FOR CALCULATING APPARENT CONSUMPTION OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: April 16, 1991

CRS

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(Millions of pounds, dry weight basis)(1)

JANUARY 1991

RESIN KIND	JANUARY				YEAR-TO-DATE			
	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*
EPOXY RESIN, TOTAL	39.9	29.9	1.3	9.8	39.9	29.9	1.3	9.8
POLYESTER (UNSATURATED) RESINS, TOTAL	88.5	86.7	0.5	8.8	88.5	86.7	0.5	8.8
UREA RESINS, TOTAL **	121.4	121.0	1.7	2.2	121.4	121.0	1.7	2.2
MELAMINE RESINS, TOTAL **	16.9	14.2	0.5	1.7	16.9	14.2	0.5	1.7
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	230.6	226.7	3.2	6.1	230.6	226.7	3.2	6.1
THERMOSETTING RESINS, TOTAL	497.3	478.5	7.2	28.6	497.3	478.5	7.2	28.6
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	615.8	451.4	14.3	77.3	615.8	451.4	14.3	77.3
LINEAR LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	336.7	337.1	61.2	46.2	336.7	337.1	61.2	46.2
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL (6)	689.4	631.3	41.8	98.8	689.4	631.3	41.8	98.8
POLYPROPYLENE, TOTAL (6)	701.4	534.6	4.8	179.3	701.4	534.6	4.8	179.3
ABS RESINS, TOTAL ** (ACRYLONITRILE-BUTADIENE-STYRENE)	89.7	94.4	5.5	17.7	89.7	94.4	5.5	17.7
SAN (STYRENE-ACRYLONITRILE) RESINS, TOTAL	10.3	6.7	0.5	4.8	10.3	6.7	0.5	4.8
OTHER STYRENICS **	96.3	101.3	0.3	15.7	96.3	101.3	0.3	15.7
POLYSTYRENE RESINS, TOTAL	386.3	374.3	4.3	25.7	386.3	374.3	4.3	25.7
NYLON RESINS, TOTAL (6)	44.6	39.4	6.1	13.0	44.6	39.4	6.1	13.0
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	727.1	599.8	6.1	117.3	727.1	599.8	6.1	117.3
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (4)								
POLYVINYL ALCOHOL, TOTAL (4)								
OTHER VINYL RESINS	16.7	9.4	N/A	N/A	16.7	9.4	N/A	N/A
THERMOPLASTIC POLYESTER, TOTAL (6)	168.3	114.3	5.2	45.5	168.3	114.3	5.2	45.5
THERMOPLASTIC RESINS, TOTAL	3,882.6	3,294.0	150.1	641.3	3,882.6	3,294.0	150.1	641.3
GRAND TOTAL	4,379.9	3,772.5	157.3	669.9	4,379.9	3,772.5	157.3	669.9

(1) = Except phenolic resins which are reported on a gross weight basis.

(4) = The publishing of PVOH and PVAC data is temporarily suspended.

* Except for Epoxy Resin, Bureau of Census exports will differ from exports published in the SPI Monthly Statistical Report.

** = Domestic Sales include Exports.

(6) = Data Includes Sales from Imports.

Monthly and Year-To-Date totals may not agree due to government revisions and rounding.

N/A = Not Available

Sources:
Sales and Production – SPI Monthly Statistical Report
Imports – Bureau of the Census (IM 145)
Exports – Bureau of the Census (EM 545)

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED
MARCH 31, 1991

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING & THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

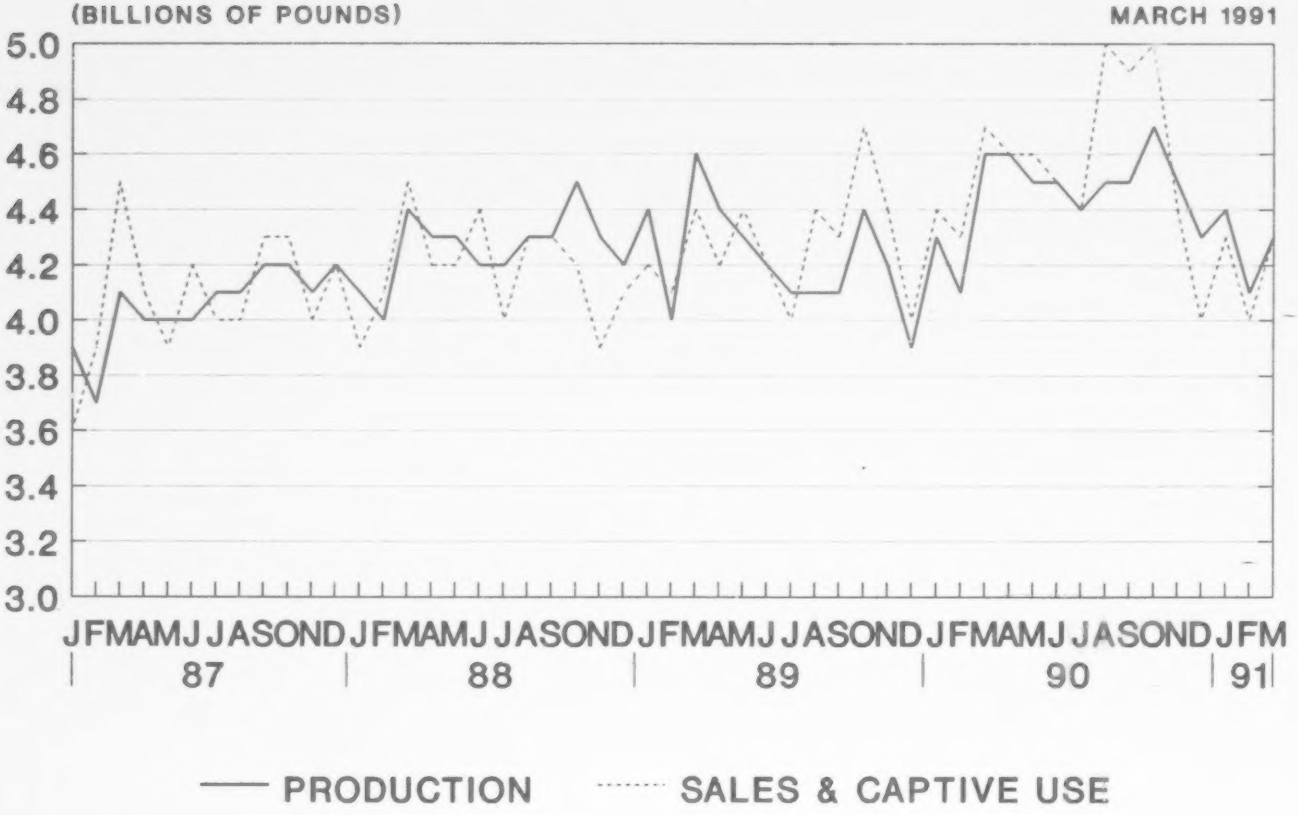
AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: May 14, 1991

THE SOCIETY OF THE PLASTICS INDUSTRY
PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS



THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

MONTHLY STATISTICAL REPORT

(Thousands of pounds, dry weight basis)(1)

MARCH 1991

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	% CHG	1991	1990	% CHG	1991	1990	% CHG
EPOXY RESIN, TOTAL	42,111	40,963	2.8	118,498	117,563	0.8	44,736	46,810	-4.4	121,813 R	129,829	-6.2
POLYESTER (UNSATURATED) RESINS, TOTAL	81,494	110,761	-26.4	247,794	323,737	-23.5	81,267	113,219	-28.2	247,169	329,883	-25.1
UREA RESINS, TOTAL	128,781	134,904	-4.5	361,298	388,930	-7.1	128,440	132,603	-3.1	361,738	386,497	-6.4
MELAMINE RESINS, TOTAL	13,658	15,097	-9.5	41,606	41,060	1.3	15,599	15,340	1.7	48,219	45,725	5.5
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	198,937	253,940	-21.7	617,773 R	744,913	-17.1	200,461	254,407	-21.2	621,294 R	746,010	-16.7
THERMOSETTING RESINS, TOTAL	464,981	555,665	-16.3	1,386,969	1,616,203	-14.2	470,503	562,379	-16.3	1,400,233 R	1,637,944	-14.5
LOW-DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	582,640	634,422	-8.2	1,682,508 R	1,773,851	-5.1	605,206	610,825	-0.9	1,787,436 R	1,755,427	1.8
LINEAR-LOW DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	366,120	434,973	-15.8	1,075,950	1,135,006	-5.2	356,768	334,564	6.6	1,031,109 R	883,125	16.8
HIGH-DENSITY POLYETHYLENE (ABOVE 0.940), TOTAL (6)	723,777	723,771	0.0	2,061,662 R	2,024,869	1.8	713,285	657,843	12.6	2,099,989 R	1,908,951	15.0
POLYPROPYLENE, TOTAL (6)	701,698	713,654	-1.7	1,978,690	2,076,383	-4.7	710,912	717,255	-0.9	2,051,122	2,053,453	-0.1
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	74,483	109,557	-32.0	242,524 R	287,174	-15.5	76,225	92,838	-17.9	249,354 R	262,565	-5.0
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	9,017	9,432	-4.4	28,323 R	29,698	-4.6	11,137	10,242	8.7	29,666 R	30,662	-3.2
POLYSTYRENE RESINS, TOTAL	373,851	419,393	-10.9	1,110,648	1,312,797	-15.4	390,148	445,184	-12.4	1,160,971	1,234,201	-5.9
STYRENE BASED LATEXES, TOTAL **	86,533	96,703	-10.5	251,854 R	271,266	-7.2	79,035	95,096	-16.9	239,685 R	259,960	-7.8
OTHER STYRENICS, TOTAL (40% or More Styrene)	10,581	15,707	-32.6	35,431 R	38,937	-9.0	10,805	13,224	-18.3	33,930 R	36,4[illegible]	-7.0
NYLON RESINS (6)	49,506	48,486	2.1	147,056	136,048	8.1	46,215	49,162	-6.0	134,255	139,576	-3.8
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	702,995	785,554	-10.5	2,099,085	2,303,194	-8.9	660,257	793,331	-16.8	2,105,694	2,240,407	-6.0
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)	N/A	N/A		N/A	N/A		N/A	N/A		N/A	N/A	
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
OTHER VINYL RESINS (4)	15,716	16,775	-6.3	43,633 R	50,961	-14.4	15,452	20,724	-25.4	46,899	61,083	-23.2
THERMOPLASTIC POLYESTER, TOTAL (6)	155,051	167,124	-7.2	465,289	448,375	3.8	154,326	160,246	-3.7	461,548	436,713	5.7
THERMOPLASTIC RESINS, TOTAL	3,851,968	4,175,551	-7.7	11,222,653 R	11,888,559	-5.6	3,829,771	4,000,534	-4.3	11,431,658 R	11,302,592	1.1
GRAND TOTAL	4,316,949	4,731,216	-8.8	12,609,622 R	13,504,762	-6.6	4,300,274	4,562,913	-5.8	12,831,891 R	12,940,536	-0.8

(1) = Except phenolic resins which are reported on a gross weight basis.

** = Sales and Captive Use figures include some Canadian produced materials.

(2) = The publishing of PVAC has been suspended.

D = Disclosure.

R = Revision

(3) = The publishing of PVOH data has been suspended.

(4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

(6) = Data Includes Sales from Imports.

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	% CHG	1991	1990	% CHG	1991	1990	% CHG
EPOXY RESIN, TOTAL	42,111	40,963	2.8	118,498	117,563	0.8	44,736	46,810	-4.4	121,813 R	129,829	-6.2
Exports, Total	8,427	6,387	31.9	23,881	19,630	21.7						
Captive Use, Total	1,952	1,557	25.4	4,530	4,587	-1.2						
Domestic Sales, Total	31,732	33,019	-3.9	90,087	93,346	-3.5						
Domestic Sales & Captive Use,Total	33,684	34,576	-2.6	94,617	97,933	-3.4						
Bonding & Adhesives	2,048	2,377	-13.8	6,579	6,820	-3.5						
Flooring, Paving & Exposed Aggregate	2,409	2,651	-9.1	6,334	6,863	-7.7						
Protective Coatings	17,508	16,288	7.5	46,164	46,857	-1.5						
Fiber Reinforced Laminates & Composites	6,388	7,814	-18.2	19,272	21,727	-11.3						
FRL&C for Printed Wiring Board	4,058	5,190	-21.8	11,871	14,582	-18.6						
All Other FRL&C	2,330	2,624	-11.2	7,401	7,145	3.6						
Tooling, Casting & Molded Resins	1,986	2,024	-1.9	6,470	6,120	5.7						
All Other Uses	3,345	3,422	-2.3	9,798	9,546	2.6						
POLYESTER (UNSATURATED) RESINS, TOTAL	81,494	110,761	-26.4	247,794	323,737	-23.5	81,267	113,219	-28.2	247,169	329,883	-25.1
Total Exports	1,555	2,076	-25.1	4,541	5,315	-14.6						
Total Domestic	79,939	108,685	-26.4	243,253	318,422	-23.6						
General Purpose Resins, Total	67,776	94,030	-27.9	205,668 R	275,444	-25.3						
General Purpose - Thixotropic	24,864	36,143	-31.2	73,085 R	104,861	-30.3						
General Purpose - Press Molding	8,831	12,491	-29.3	27,040	36,154	-25.2						
General Purpose - Panel	6,702	7,918	-15.4	19,783	21,301	-7.1						
General Purpose - All Other	27,379	37,478	-26.9	85,760 R	113,128	-24.2						
Flame Retardant Resins	1,382	1,854	-25.5	4,743	5,947	-20.2						
Chemical Resistant Resins, Total	10,781	12,801	-15.8	32,842 R	37,031	-11.3						
Chemical Resistant Isophthalic Resins	7,348	9,231	-20.4	22,212 R	26,672	-16.7						
All Other Chemical Resistant Resins	3,433	3,570	-3.8	10,630	10,359	2.6						
Reinforced Plastic, Total	58,457	80,949	-27.8	176,185 R	236,841	-25.6						
Non-Reinforced Plastics, Total	21,482	27,736	-22.5	67,068 R	81,581	-17.8						

R = Revision

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT

(Thousands of Pounds, Dry Weight Basis)(1)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
UREA RESINS, TOTAL (E)	128,781	134,904	-4.5	361,298	388,930	-7.1	128,440	132,603	-3.1	361,738	386,497	-6.4
MELAMINE RESINS, TOTAL (E)	13,658	15,097	-9.5	41,606	41,060	1.3	15,599	15,340	1.7	48,219	45,725	5.5
UREA & MELAMINE RESINS, TOTAL (E)	142,439	150,001	-5.0	402,904	429,990	-6.3	144,039	147,943	-2.6	409,957	432,222	-5.2
Total Exports	D1	D1		D1	D1							
Total Domestic	142,439	150,001	-5.0	402,904	429,990	-6.3						
Textile Coating & Treating Resins	1,643	2,850	-42.4	4,5549	8,923	-49.0	1,902	3,708	-48.7	5,394	11,127	-51.5
Paper Coating & Treating Resins	5,223	6,218	-16.0	13,585	13,302	2.1	5,340	6,152	-13.2	14,084	13,587	3.7
Molding Compounds	D2	D2		D2	D2		D2	D2		D2	D2	
Bonding & Adhesive Resins for:	116,620	118,626	-1.7	326,741	342,474	-4.6	116,538	118,222	-1.4	326,469	342,367	-4.6
Laminating	1,286	1,417	-9.2	4,289	6,606	-35.1	1,237	1,538	-19.6	4,300	6,754	-36.3
Plywood	5,700	5,886	-3.2	15,144	13,464	12.5	5,746	5,949	-3.4	15,064	13,578	10.9
Fibrous & Granulated Wood (Particle Board)	109,634	111,323	-1.5	307,308	322,404	-4.7	109,555	110,735	-1.1	307,105	322,035	-4.6
Protective Coatings (Straight & Modified)	7,909	8,554	-7.5	24,093	23,030	4.6	10,495	9,610	9.2	32,447	29,009	11.9
All Other Uses	11,044	13,753	-19.7	33,936	42,261	-19.7	9,764	10,251	-4.8	31,563	36,132	-12.6
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	198,937	253,940	-21.7	617,773 R	744,913	-17.1	200,461	254,407	-21.2	621,294 R	746,010	-16.7
Total Exports	1,050	2,325	-54.8	3,146	5,338	-41.1						
Total Domestic	197,887	251,615	-21.4	614,627 R	739,575	-16.9						
Molding Compounds	11,813	15,566	-24.1	38,311	41,981	-8.7	12,578	18,276	-31.2	39,825	47,712	-16.5
Bonding & Adhesive Resins for:	182,940	232,662	-21.4	567,098 R	688,227	-17.6	184,588	233,170	-20.8	571,301 R	688,393	-17.0
Laminating	10,297	14,397	-28.5	36,138	43,274	-16.5	10,543	14,884	-29.2	36,290	43,749	-17.0
Coated & Bonded Abrasives	D3	2,376		D3	6,897		D3	2,548		D3	6,841	
Friction Materials	3,308	4,134	-20.0	9,749	11,312	-13.8	2,833	4,257	-33.5	9,732	12,107	-19.6
Insulation Materials	29,361	35,328	-16.9	93,112	105,669	-11.9	29,759	34,880	-14.7	93,786	104,935	-10.6
Foundry & Shell Molding	4,305	7,388	-41.7	14,781 R	19,020	-22.3	4,208	7,342	-42.7	14,932 R	18,648	-19.9
Plywood	D3	D3		D3	D3		D3	D3		D3	D3	
Fibrous and Granulated Wood	D3	D3		D3	D3		D3	D3		D3	D3	
Resins Sold to Rubber Industry	D3	D3		D3	D3		D3	D3		D3	D3	
All Other	135,669	169,039	N/C	413,318 R	502,055	N/C	137,245	169,259	N/C	416,561 R	502,113	N/C
Protective Coatings - Unmodified & Modified	D2	D2		D2	D2		D2	D2		D2	D2	
Resins Sold to Rubber Ind. - Non Adhesive Uses	D2	D2		D2	D2		D2	D2		D2	D2	
All Other Uses	3,134	3,387	-7.5	9,218	9,367	-1.6	3,295	2,961	11.3	10,168	9,905	2.7

(E) = Estimate – Data include estimates for one company.
D1 = Disclosure: Included in Domestic, Total and All Other Uses.
D2 = Disclosure: Included in All Other Uses.
D3 = Disclosure: Included in All Other Bonding & Adhesive Resins.

(1) = Phenolic is on a Gross Weight Basis.
N/C = Not Comparable.
R = Revision

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
LOW DENSITY POLYETHYLENE - 0.940 & BELOW, TOTAL (6)	582,640	634,422	-8.2	1,682,508 R	1,773,851	-5.1	614,974	627,731	-2.0	1,820,890 R	1,798,851	1.2
Imports, Total							9,768	16,906	-42.2	33,454 R	43,424	-23.0
Exports, Total	104,964	73,206	43.4	325,072 R	211,205	53.9						
Domestic, Total	477,676	561,216	-14.9	1,357,436 R	1,562,646	-13.1	605,206	610,825	-0.9	1,787,436 R	1,755,427	1.8
Film (12 Mils & Below)	273,927	336,451	-18.6	787,493 R	927,174	-15.1						
Packaging Film	189,018	231,352	-18.3	548,283 R	635,268	-13.7						
Food Packaging Film	97,520	117,980	-17.3	278,284 R	319,300	-12.8						
Non-Food Packaging Film	71,753	90,838	-21.0	214,835 R	245,355	-12.4						
Shrink Film	10,023	11,750	-14.7	27,430 R	37,927	-27.7						
Stretch Film	9,722	10,784	-9.8	27,734 R	32,686	-15.2						
Non-Packaging Film	84,909	105,099	-19.2	239,210 R	291,906	-18.1						
Carry-Out Bags	9,296	9,445	-1.6	25,892 R	23,416	10.6						
Trash and Can Liners	25,406	30,227	-15.9	68,675 R	87,253	-21.3						
Other Non-Packaging Film	50,207	65,427	-23.3	144,643 R	181,237	-20.2						
Sheet (Over 12 Mils)	4,681	6,022	-22.3	15,747 R	16,440	-4.2						
Injection Molding	18,550	31,950	-41.9	53,724 R	95,489	-43.7						
Injection Molded Lids	5,244	6,974	-24.8	12,646 R	20,317	-37.8						
Injection Molded Housewares	3,862	4,436	-12.9	12,205 R	12,850	-5.0						
Other Injection Molding	9,444	20,540	-54.0	28,873 R	62,322	-53.7						
Wire and Cable	22,933	23,037	-0.5	54,717 R	57,965	-5.6						
Extrusion Coating	74,802	67,468	10.9	203,949 R	192,992	5.7						
Blow Molding	5,462	5,286	3.3	16,622 R	14,946	11.2						
Pipe and Conduit, Total	D5	D5		D5	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	6,001	6,300	-4.7	18,100 R	21,773	-16.9						
Rotomolding	D2	D2		D2	D2							
Resellers & Compounders, Total	52,458	49,471	6.0	153,175 R	135,729	12.9						
Resellers	39,921	34,596	15.4	109,891 R	94,992	15.7						
Compounders	12,537	14,875	-15.7	43,284	40,737	6.3						
Adhesives and Sealants	10,241	9,976	2.7	31,325	27,725	13.0						
All Other Uses	8,621	25,255	-65.9	22,584	72,413	-68.8						

D2 = Disclosure: Included in All Other Uses.

D5 = Disclosure: Included in Other Extruded Products.

(6) = Sales include imports.

D = Disclosure

R = Revision

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
LINEAR LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	366,120	434,973	-15.8	1,075,950	1,135,006	-5.2	412,506	418,239	-1.4	1,188,031 R	1,093,972	8.6
Imports, Total							55,738	83,675	-33.4	156,922 R	210,847	-25.6
Exports, Total	47,112	21,408	120.1	121,149	58,104	108.5						
Domestic, Total	319,008	413,565	-22.9	954,801	1,076,902	-11.3	356,768	334,564	6.6	1,031,109 R	883,125	16.8
Film (12 Mils & Below)	195,451	271,790	-28.1	611,316	698,330	-12.5						
Packaging Film	90,526	119,153	-24.0	281,666	314,592	-10.5						
Food Packaging Film	16,207	24,531	-33.9	51,192	58,756	-12.9						
Non-Food Packaging Film	31,294	63,581	-50.8	101,383	169,064	-40.0						
Shrink Film	D10	D10		D10	D10							
Stretch Film	43,025	31,041	38.6	129,091	86,772	48.8						
Non-Packaging Film	104,925	152,637	-31.3	329,650	383,738	-14.1						
Carry-Out Bags	19,273	23,807	-19.0	60,058	62,762	-4.3						
Trash and Can Liners	71,787	99,361	-27.8	224,978	251,143	-10.4						
Other Non-Packaging Film	13,865	29,469	-53.0	44,614	69,833	-36.1						
Sheet (Over 12 Mils)	4,228	5,060	-16.4	14,627	13,494	8.4						
Injection Molding	47,908	43,411	10.4	129,141	116,587	10.8						
Injection Molded Lids	15,053	16,198	-7.1	40,752	45,755	-10.9						
Injection Molded Housewares	26,081	17,592	48.3	67,202	44,094	52.4						
Other Injection Molding	6,774	9,621	-29.6	21,187	26,738	-20.8						
Wire and Cable	9,178	14,133	-35.1	27,929	37,859	-26.2						
Extrusion Coating	D5	D5		D5	D5							
Blow Molding	974	3,703	-73.7	3,436	8,135	-57.8						
Pipe and Conduit, Total	3,537	6,770	-47.8	10,236	14,811	-30.9						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	3,858	3,438	12.2	9,163	8,689	5.5						
Rotomolding	17,780	28,090	-36.7	46,866	84,031	-44.2						
Resellers & Compounders, Total	26,192	28,450	-7.9	77,367	64,616	19.7						
Resellers	15,223	16,179	-5.9	44,554	36,530	22.0						
Compounders	10,969	12,271	-10.6	32,813	28,086	16.8						
Adhesives and Sealants	D2	D2		D2	D2							
All Other Uses	9,902	8,720	13.6	24,720	30,350	-18.6						

D2 = Disclosure: Included in All Other Uses.

D5 = Disclosure: Included in Other Extruded Products.

D10 = Disclosure: Shrink Film is Included in Stretch Film.

(6) = Sales Include Imports.

D = Disclosure

R = Revision

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	MARCH			*YEAR-TO-DATE*			*MARCH*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
HIGH DENSITY POLYETHYLENE – ABOVE 0.940. TOTAL (6)	723,777	723,771	0.0	2,061,662 R	2,024,869	1.8	735,145	695,586	5.7	2,168,737 R	1,982,044	9.4
Imports, Total							21,860	37,743	–42.1	68,748	73,093	–5.9
Exports, Total	85,989	51,790	66.0	244,042	168,458	44.9						
Domestic, Total	637,788	671,981	–5.1	1,817,620 R	1,856,411	–2.1	713,285	657,843	8.4	2,099,989 R	1,908,951	10.0
Film (12 Mils & Below)	73,347	75,619	–3.0	214,917 R	211,114	1.8						
Packaging Film	17,806	22,578	–21.1	49,308 R	64,589	–23.7						
Food Packaging Film	11,220	16,754	–33.0	35,874 R	40,834	–12.1						
Non–Food Packaging Film	6,586	5,824	13.1	13,434 R	23,755	–43.4						
Non–Packaging Film	55,541	53,041	4.7	165,609 R	146,525	13.0						
Retail Bags	47,065	44,689	5.3	133,587 R	117,238	13.9						
Grocery Sacks & T–Shirt Bags	20,437	21,320	–4.1	62,880 R	60,667	3.6						
All Other Retail Bags	26,628	7,294	N/C	70,707 R	15,589	N/C						
Trash Bags/Can Liners	D9	16,075		D9	40,982							
All Other Non–Packaging Film	8,476	8,352	1.5	32,022 R	29,287	9.3						
Sheet (Over 12 Mils)	22,221	30,734	–27.7	72,007	92,889	–22.5						
Injection Molding, Total	134,443	139,215	–3.4	373,506 R	367,263	1.7						
Pails (5 gallons or less)	41,284	42,414	–2.7	115,212 R	106,201	8.5						
Housewares	10,290	9,843	4.5	25,431	26,041	–2.3						
Food Tubs/Containers & Drink Cups	25,145	28,575	–12.0	72,507 R	75,185	–3.6						
Crates and Totes	20,114	18,800	7.0	49,776 R	47,638	4.5						
Toys/Novelties/Sporting Goods	5,369	5,733	–6.3	15,267	14,752	3.5						
Caps and Closures	7,743	9,433	–17.9	24,095 R	27,491	–12.4						
All Other Injection Molding	24,498	24,417	0.3	71,218 R	69,955	1.8						
Wire and Cable	11,037	16,615	–33.6	33,884 R	42,992	–21.2						
Blow Molding, Total	233,611	244,932	–4.6	666,454 R	727,502	–8.4						
Motor Oil Bottles	13,357	17,706	–24.6	37,947 R	58,796	–35.5						
Liquid Food Bottles	81,121	80,879	0.3	230,331 R	240,381	–4.2						
Household Chemical Bottles	71,989	77,812	–7.5	198,240	222,042	–10.7						
Industrial Drums	15,372	13,052	17.8	43,188	39,911	8.2						
Gas Tanks, All Uses	2,352	2,275	3.4	7,718	7,934	–2.7						
Pharm., Cosmetics, & Toiletries	18,252	20,247	–9.9	51,254	57,479	–10.8						
All Other Blow Molding	31,168	32,961	–5.4	97,776 R	100,959	–3.2						
Pipe and Conduit, Total	54,106	61,390	–11.9	128,139	125,478	2.1						
Corrugated	10,547	12,601	–16.3	20,610	25,724	–19.9						
Non–Corrugated	43,559	48,789	–10.7	107,529	99,754	7.8						
Gas Distribution	19,215	19,127	0.5	40,598	36,159	12.3						
Water	8,609	D11		21,864	D11							
Industrial/Sewer	14,021	D11		38,235	D11							
All Other Non–Corrugated Pipe	1,714	29,662	N/C	6,832	63,595	N/C						
Other Extruded Products	10,186	8,074	26.2	25,567	21,240	20.4						
Rotomolding	7,771	5,138	51.2	27,313	16,973	60.9						
Reseller & Compounders, Total	67,472	64,168	5.1	216,138	182,174	18.6						
Resellers	64,773	58,152	11.4	203,067	170,733	18.9						
Compounders	2,699	6,016	–55.1	13,071	11,441	14.2						
All Other HDPE	23,594	26,096	–9.6	59,695	68,786	–13.2						

D9 = Disclosure: Included in All Other Retail Bags.
D11 = Disclosure: Included in All Other Non–Corrugated Pipe.

(6) = Sales include Imports.

N/C = Not Comparable.
R = Revision

Compiled By Ernst & Young, Washington DC, for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	MARCH			*YEAR-TO-DATE*			*MARCH*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
POLYPROPYLENE, TOTAL (6)	701,698	713,654	-1.7	1,978,690	2,076,383	-4.7	712,529	N/A		2,056,871	N/A	
Imports, Total							1,617	N/A		5,749	N/A	
Exports, Total	169,758	134,022	26.7	431,490 R	405,132	6.5						
Domestic, Total	531,940	579,632	-8.2	1,547,200 R	1,671,251	-7.4	710,912	717,255	-0.9	2,051,122	2,053,453	-0.1
Injection Molding, Total	155,203	173,459	-10.5	456,117	495,970	-8.0						
Appliances	12,491	17,455	-28.4	38,289	47,894	-20.1						
Consumer Products	58,515	55,602	5.2	166,930	157,146	6.2						
Rigid Packaging	54,278	59,668	-9.0	155,098	172,199	-9.9						
Transportation	16,207	25,938	-37.5	52,885	72,951	-27.5						
All Other Injection Molding	13,712	14,796	-7.3	42,915	45,780	-6.3						
Blow Molding	12,934	13,066	-1.0	38,656	37,147	4.1						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below), Total	55,128	48,547	13.6	160,540	145,908	10.0						
Oriented Film	43,540	39,266	10.9	120,739	115,993	4.1						
Non-Oriented Film	11,588	9,281	24.9	39,801	29,915	33.0						
Sheet (Over 10 Mils), Total	9,830	10,912	-9.9	31,019	34,120	-9.1						
Packaging	5,846	D		18,974	D							
Non-Packaging	3,984	D		12,045	D							
Extrusion Coating	1,991	2,640	-24.6	4,645	6,050	-23.2						
Wire and Cable	D5	D5		D5	D5							
Fiber and Filaments, Total	152,528	178,446	-14.5	461,813	528,006	-12.5						
Textile Applications	144,193	169,843	-15.1	434,881	493,820	-11.9						
Nonwovens	45,503	45,862	-0.8	138,266	149,399	-7.5						
Monofilament & Multifilament Fibers	49,737	62,069	-19.9	155,187	182,169	-14.8						
Slit Film Fibers	48,953	61,912	-20.9	141,428	162,252	-12.8						
Non-Textile Monofilaments	8,335	8,603	-3.1	26,932	34,186	-21.2						
Pipe and Conduit	D5	D5		D5	D5							
Other Extruded Products	5,833	12,995	-55.1	18,954	29,147	-35.0						
Resellers/Distributors/Compounders, Total	134,365	135,824	-1.1	362,550 R	380,602	-4.7						
Resellers	53,788	58,121	-7.5	151,847	157,116	-3.4						
Distributors	33,216	32,840	1.1	76,618 R	89,847	-14.7						
Compounders	47,361	44,863	5.6	134,085	133,639	0.3						
All Other Uses	4,128	3,743	10.3	12,906	14,301	-9.8						

D5 = Disclosure: Included in Other Extruded Products.
(6) = Sales Include Imports.
R = Revision

N/A = Not Available
D = Disclosure

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	MARCH			*YEAR-TO-DATE*			*MARCH*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
POLYSTYRENE RESINS, TOTAL	373,851	419,393	-10.9	1,110,648	1,312,797	-15.4	390,148	445,184	-12.4	1,160,971	1,234,201	-5.9
Crystal (Solid) Polystyrene	151,332	235,453	N/C	456,291	702,205	N/C	151,321	168,973	-10.4	470,082	487,920	-3.7
Rubber Modified Polystyrene	171,681	183,940	-6.7	510,051	610,592	-16.5	185,301	207,789	-10.8	533,504	564,503	-5.5
Expandable Polystyrene	50,838	D13		144,306	D13		53,526	68,422	-21.8	157,385	181,778	-13.4
Exports, Total	24,267	13,213	83.7	58,689	42,732	37.3						
Crystal (Solid) Polystyrene	6,313	9,256	N/C	23,893	23,922	N/C						
Rubber Modified Polystyrene	12,059	3,957	204.8	20,864	18,810	10.9						
Expandable Polystyrene	5,895	D13		13,932	D13							
Domestic, Total	349,584	406,180	-13.9	1,051,959	1,270,065	-17.2						
Molding	118,932	134,922	-11.9	367,099	438,761	-16.3						
Extrusion	174,730	192,955	-9.4	524,600	618,548	-15.2						
Expandable Polystyrene	44,943	66,794	-32.7	130,374 R	173,838	-25.0						
Block	16,839	29,312	-42.6	45,333	65,054	-30.3						
Shape	11,096	13,525	-18.0	29,509	38,624	-23.6						
Loose Fill	D6	D6		D6	D6							
Other EPS	17,008	23,957	-29.0	55,532 R	70,160	-20.8						
All Other Uses	10,979	11,509	-4.6	29,886 R	38,918	-23.2						
Polystyrene End-Uses, Total	349,584	406,180	-13.9	1,051,959	1,270,065	-17.2						
Packaging & One Time Use	132,254	154,702	-14.5	414,479 R	498,149	-16.8						
Consumer & Institutional Products	41,923	46,096	-9.1	121,563 R	143,783	-15.5						
Electrical/Electronics	47,933	54,286	-11.7	151,239	172,384	-12.3						
Furniture,Furnishings,Bldg. & Construction	19,702	22,486	-12.4	58,745 R	74,287	-20.9						
Expandable Polystyrene	44,943	66,794	-32.7	130,374 R	173,838	-25.0						
Resellers and Compounders	50,850	49,812	2.1	147,384	165,758	-11.1						
All Other End-Uses	11,979	12,004	-0.2	28,175 R	41,866	-32.7						

D6 = Disclosure: Included in Other EPS
D13 = Disclosure: Included in Crystal (Solid) Polystyrene

N/C - Not Comparable
R - Revision

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
ABS (ACRYLONITRILE-BUTADIENE-STYRENE), TOTAL	74,483	109,557	-32.0	242,524 R	287,174	-15.5	76,225	92,838	-17.9	249,354 R	262,565	-5.0
SAN (STYRENE-ACRYLONITRILE), TOTAL	9,017	9,432	-4.4	28,323 R	29,698	-4.6	11,137	10,242	8.7	29,666 R	30,662	-3.2
Total Exports	3,281	1,661	97.5	10,161 R	8,653	17.4						
Total Domestic	5,736	7,771	-26.2	18,162 R	21,045	-13.7						
OTHER STYRENICS (40% OR MORE STYRENE), TOTAL	10,581	15,707	-32.6	35,431 R	38,937	-9.0	10,805	13,224	-18.3	33,930 R	36,469	-7.0
ABS, SAN, & OTHER STYRENICS, TOTAL	94,081	134,696	-30.2	306,278 R	355,809	-13.9	98,167	116,304	-15.6	312,950 R	329,696	-5.1
Total Exports	15,331	17,116	-10.4	55,690 R	49,362	12.8						
Total Domestic	78,750	117,580	-33.0	250,588 R	306,447	-18.2						
Electrical/Electronics	D2	D2		D2	D2							
Building & Construction	7,834	16,923	-53.7	24,309 R	40,365	-39.8						
Transportation	23,042	35,009	-34.2	71,571 R	92,346	-22.5						
Consumer & Institutional	11,334	14,137	-19.8	35,346 R	40,768	-13.3						
All Other Uses	36,540	51,511	-29.1	119,362 R	132,968	-10.2						
*STYRENE BASED LATEXES, TOTAL**	86,533	96,703	-10.5	251,854 R	271,266	-7.2	79,035	95,096	-16.9	239,685 R	259,960	-7.8
Carpet Backing	32,456	35,755	-9.2	90,332 R	100,210	-9.9						
All Other Uses	54,077	60,948	-11.3	161,522 R	171,056	-5.6						
NYLON RESINS, TOTAL(6)	49,506	48,486	2.1	147,056	136,048	8.1	N/A	N/A		N/A	N/A	
Imports, Total							N/A	N/A		N/A	N/A	
Exports, Total	7,413	4,910	51.0	22,743	16,085	41.4						
Domestic, Total	42,093	43,576	-3.4	124,313	119,963	3.6	46,215	49,162	-6.0	134,255	139,576	-3.8
Injection Molding Grade	25,296	25,387	-0.4	75,321	69,922	7.7						
Extrusion Grade	13,056	13,849	-5.7	38,090	38,514	-1.1						
Resellers & Compounders	2,825	3,767	-25.0	8,359	9,623	-13.1						
All Other Uses	916	573	59.9	2,543	1,904	33.6						
Nylon End-Uses, Total	42,093	43,576	-3.4	124,313	119,963	3.6						
Automotive and Truck	14,321	14,654	-2.3	43,031	38,437	12.0						
Electrical and Electronic	4,693	5,229	-10.3	14,623	15,282	-4.3						
Appliances	1,403	1,220	15.0	4,167	3,191	30.6						
Film and Coating	6,970	6,221	12.0	18,764	17,697	6.0						
Wire and Cable	2,670	3,423	-22.0	7,987	9,209	-13.3						
Monofilament	2,025	2,209	-8.3	5,430	5,981	-9.2						
Consumer	1,688	1,731	-2.5	5,347	4,658	14.8						
Industrial/Machinery	3,434	3,882	-11.5	11,280	11,317	-0.3						
All Other End-Uses	4,889	5,007	-2.4	13,684	14,191	-3.6						

* - Styrene Based Latexes Sales include some Canadian produced material.
D2 = Disclosure: Included in All Other Uses.
R = Revision

N/A = Not Available.
(6) - Includes sales from imports.

Compiled By Ernst & Young, Washington DC, for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	MARCH			*YEAR-TO-DATE*			*MARCH*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (DRY RESIN CONTENT)	702,995	785,554	-10.5	2,099,085	2,303,194	-8.9	660,257	793,331	-16.8	2,105,694	2,240,407	-6.0
Homopolymer Resins, Including Blending & Latex	648,755	723,465	-10.3	1,938,482	2,129,383	-9.0	599,220	729,777	-17.9	1,922,295	2,053,579	-6.4
Copolymer Resins, Including Blending & Latex	14,676	19,852	-26.1	41,629	55,986	-25.6	16,857	19,391	-13.1	56,841	54,904	3.5
Dispersion Resins	39,564	42,237	-6.3	118,974	117,825	1.0	44,180	44,163	0.0	126,558	131,924	-4.1
Exports, Total	148,593	75,580	96.6	395,349	252,183	56.8						
Domestic, Total	554,402	709,974	-21.9	1,703,736	2,051,011	-16.9						
Calendering, Total	79,583	87,615	-9.2	237,554	253,530	-6.3						
Flooring	16,030	20,770	-22.8	47,197	56,978	-17.2						
Textile	7,996	9,630	-17.0	26,517	28,402	-6.6						
All Other Calendering Uses	55,557	57,215	-2.9	163,840	168,150	-2.6						
Coating, Total	24,849	29,788	-16.6	73,236	80,694	-9.2						
Flooring	11,806	13,186	-10.5	35,776	34,352	4.1						
Textile and Paper Coating	7,576	7,956	-4.8	21,295	22,515	-5.4						
Protective Coatings	3,156	4,331	-27.1	9,532	12,208	-21.9						
Adhesives & All Other Coating Uses	2,311	4,315	-46.4	6,633	11,619	-42.9						
Extrusion, Total	368,711	477,206	-22.7	1,133,702	1,387,215	-18.3						
Wire and Cable	30,821	37,268	-17.3	82,844	103,583	-20.0						
Film and Sheet, Packaging	22,431	29,045	-22.8	66,410	86,150	-22.9						
Film and Sheet, Non-Packaging	3,990	4,467	-10.7	12,046	12,514	-3.7						
Siding, Siding Acc. & Mobile Home Skirting	53,819	69,777	-22.9	175,979	208,858	-15.7						
Rigid Pipe and Tubing (except fittings)	214,663	284,609	-24.6	673,592	822,978	-18.2						
Extruded Windows and Doors	6,972	N/A		23,282 R	N/A	-						
All Other Extrusion Uses	36,015	52,040	N/C	99,549 R	153,132	N/C						
Molding, Total	37,025	46,358	-20.1	112,370	133,901	-16.1						
Bottles	17,576	20,346	-13.6	48,704	56,398	-13.6						
Fittings (Rigid Pipe and Tubing)	12,840	13,617	-5.7	45,257	40,288	12.3						
All Other Molding Uses	6,609	12,395	-46.7	18,409	37,215	-50.5						
Paste Processes (except coating), Total	13,615	16,269	-16.3	42,465	44,013	-3.5						
Plastisol Formulation	8,193	8,809	-7.0	24,419	23,636	3.3						
All Other Paste Process Uses	5,422	7,460	-27.3	18,046	20,377	-11.4						
Resellers & Compounders	26,027	33,350	-22.0	90,761	95,150	-4.6						
All Other Uses	4,592	19,388	-76.3	13,648	56,508	-75.8						

N/A – Not Available

R = Revision

N/C = Not Comparable

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)												
Exports, Total												
Domestic, Total												
Emulsion Paints												
Adhesives, Caulks and Sealants												
Paper Treating & Paper Coating												
Textile Treating												
Non-Woven Binders												
All Other Uses												
POLYVINYL ALCOHOL, TOTAL (3)												
Exports, Total												
Domestic, Total												
OTHER VINYL RESINS, TOTAL (4)	15,716	16,775	-6.3	43,633 R	50,961	-14.4	15,452	20,724	-25.4	46,899	61,083	-23.2
Exports, Total	7,739	6,561	18.0	20,557 R	18,101	13.6						
Domestic, Total	7,977	10,214	-21.9	23,076 R	32,860	-29.8						
THERMOPLASTIC POLYESTER, TOTAL (6)	155,051	167,124	-7.2	465,289	448,375	3.8	154,326	160,246	-3.7	461,548	436,713	5.7
Exports, Total	36,917	34,029	8.5	127,230 R	85,676	48.5						
PET Bottle Grade Resin, Exports	D	D		D	D							
All Other Exports	D	D		D	D							
Domestic, Total	118,134	133,095	-11.2	338,059 R	362,699	-6.8						
Domestic PET	N.R.	N.R.		N.R.	N.R.							
Solid State Phase Resin	D12	D12		D12	D12							
PET Bottle Grades	83,079	94,010	-11.6	232,871 R	254,115	-8.4						
PET/PBT Resellers & Compounders	N.R.4	N.R.4		N.R.4	N.R.4							
All Other Thermoplastic Polyester	35,055	39,085	-10.3	105,188 R	108,584	-3.1						

(2) – The publishing of PVAC data has been suspended.

(3) – The publishing of PVOH data has been suspended.

(4) – Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

D12 = Disclosure: Included in All Other Thermoplastic Polyester.

N.R.4 = Not Reported: Included in All Other Thermoplastic Polyester.

R = Revision.

N.R. = Not Reported

D = Disclosure

(6) – Includes sales from imports.

MONTHLY STATISTICAL REPORT

MARCH 1991

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	LLDPE	HDPE	PP	ABS	SAN	PS	SBL	OSBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
A & E PLASTICS												PDE								
ALLIED CHEMICAL COMPANY															PDE					PDE
ALLIED-BENDIX CORPORATION					PD															
ALPHA CHEMICAL CORPORATION		PD																		
AMERICAN CYANAMID COMPANY			PD	PD																
AMETEK, HAVEG DIVISION					PD															
AMOCO CHEMICAL CORPORATION									PDE			PDE								
ANDERSON DEVELOPMENT COMPANY														PD						
ARCO CHEMICAL CORPORATION												PDE		PD						
ARISTECH CHEMICAL COMPANY		PDE							PDE											
ASHLAND CHEMICAL COMPANY		PDE			PD															
ATOCHEM															PDE					
BASF CORPORATION										PD	PD	PDE	PD	PD	PDE					PDE
BELDING CHEMICAL INDUSTRIES															PDE					
BORDEN CHEMICAL COMPANY			PD	PD	PD											PDE				
BTL CORPORATION			PD	PD	PD															

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MONTHLY STATISTICAL REPORT

MARCH 1991

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	LLDPE	HDPE	PP	ABS	SAN	PS	SBL	OSBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
CERTAINTEED PRODUCTS CORPORATION																PD				
CHEVRON CHEMICAL CORPORATION						PDE		PDE				PDE								
CIBA-GEIGY CORPORATION	PDE																			
CUSTOM RESINS, INC.															PDE					
DART CONTAINER												PD								
DOW CHEMICAL USA	PDE	PDE				PDEI	PDEI	PDE		PD	PDE	PDE	PD	PD					PDE	
DUPONT CANADA							DI													
E. I. DUPONT DE NEMOURS & COMPANY						PDEI									PDE				PDE	PDE
EASTMAN CHEMICAL COMPANY						PDE			PDE											PDE
EMSER INDUSTRIES															PDE					
ESSO CHEMICAL CORPORATION							DI	DI												
EXXON CHEMICAL AMERICAS						PDEI	PDEI	PDE	PDE											
FINA OIL & CHEMICAL CORPORATION									PDE			PDE								
FIRESTONE SYNTHETIC RUBBER & LATEX														PD						
FORMOSA PLASTICS CORPORATION																PD				
FREEMAN CHEMICAL CORPORATION		PD																		
GENCORP													PD							

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MONTHLY STATISTICAL REPORT

MARCH 1991

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	LLDPE	HDPE	PP	ABS	SAN	PS	SBL	OSBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	–TPY
GENERAL ELECTRIC PLASTICS COMPANY										PD	PDE			PD						PDE
GENESIS POLYMERS									PDE											
GEORGIA-GULF CORPORATION																PDE				
GEORGIA-PACIFIC CORPORATION			PD	PD	PDE															
GLIDDEN COATINGS & RESINS		PD																		
B. F. GOODRICH CHEMICAL COMPANY											PDE					PDE				
GOODYEAR CHEMICAL DIVISION													PD	PD		PDE				PDE
W. R. GRACE & COMPANY										PD									PD	
HARBORCHEM, INC.			PD	PD																
HIMONT USA, INC.								PDE	PDE											
HOECHST-CELANESE				PD	PDE			PDE							PDE					PDE
HUNTSMAN CHEMICAL CORPORATION									PDE			PDE		PD						
ICI AMERICAS, INC.																				PD
INTERPLASTICS CORPORATION		PD																		
IRONSIDES COMPANY					PD															
KEYSOR-CENTURY CORPORATION																PDE				
LYONDELL						PDE			PDE											
MASONITE CORPORATION					PD															

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MONTHLY STATISTICAL REPORT

MARCH 1991

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	LLDPE	HDPE	PP	ABS	SAN	PS	SBL	OSBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
MOBAY CORPORATION															PD					
MOBIL CHEMICAL COMPANY						PDEI	PDEI	PDE				PDE								
MONSANTO COMPANY			PD	PD						PD	PDE			PD	PDE				PDE	
MORTON INDUSTRIES													PD	PD					PDE	
NESTE CHEMICALS			PD	PD	PD															
NOVACOR CHEMICALS						DI	DI	DI				PDE								
NYLON CORPORATION OF AMERICA															PD					
OXYCHEM			PD		PDE			PDE								PDE				
OWENS–CORNING FIBERGLASS		PDE		PD	PD															
PACIFIC WESTERN RESINS																PDE				
PAXON CHEMICAL								PDE												
PHILLIPS 66 COMPANY							D	DE	PDE											
PLASLOK CORPORATION					PD															
PLASTICS ENGINEERING COMPANY					PDE															
QUANTUM CHEMICAL COMPANY						PDE	PDE	PDE	PDE											
REICHHOLD CHEMICALS, INC.	PDE	PDE											PD							
REXENE CORPORATION						PDE			PDE											
RHONE POULENC	PDE		PD	PD									PD							

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MONTHLY STATISTICAL REPORT

MARCH 1991

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	LLDPE	HDPE	PP	ABS	SAN	PS	SBL	OSBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
ROGERS CORPORATION					PDE															
ROHM AND HAAS COMPANY														D					PDE	
SCOTT POLYMERS												PDE								
SHAKESPEARE COMPANY															PDE					
SHELL CHEMICAL COMPANY	PDE								PDE											
SHINTECH, INC.																PDE				
SILMAR		PDE																		
SOLVAY POLYMERS							PDE	PDE	PDE											
SPURLOCK ADHESIVES, INC.			PD																	
TRI NOVA CORPORATION		PD	PD	PD	PD															
UNION CARBIDE CORPORATION	DE					PDEI	PDEI	PDE												
UNION CHEMICAL													PD						PD	
VALITE DIV. OF VALENTINE SUGARS, INC.					PD															
VISTA CHEMICAL COMPANY																PDE				
VYGEN CORPORATION																PDE				
WELLMAN, INC.															PDE					
WEST LAKE POLYMERS						PDE														
TOTAL	6	11	11	11	17	12	10	14	14	5	5	12	8	11	13	12	N/A	N/A	7	8

N/A - Not Applicable

Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

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The Society of the
Plastics Industry, Inc.

MonthlyStatisticalReport-Resins

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FOR THE MONTH AND PERIOD ENDED

FEBRUARY 28, 1991

DATA FOR CALCULATING APPARENT CONSUMPTION OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE —
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: May 14, 1991

CRS

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(Millions of pounds, dry weight basis)(1)

FEBRUARY 1991

RESIN KIND	FEBRUARY				YEAR-TO-DATE			
	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*
EPOXY RESIN, TOTAL	35.8	28.4	1.2	5.6	75.6	58.4	2.5	15.5
POLYESTER (UNSATURATED) RESINS, TOTAL	77.4	76.6	0.6	6.4	165.9	163.3	1.2	15.2
UREA RESINS, TOTAL **	111.9	111.5	1.2	1.6	233.3	232.5	3.0	3.7
MELAMINE RESINS, TOTAL **	15.7	13.8	0.4	1.5	32.6	27.9	0.9	3.2
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	191.4	191.2	2.9	6.1	421.9	417.9	6.1	12.2
THERMOSETTING RESINS, TOTAL	432.2	421.5	6.3	21.2	929.3	900.0	13.7	49.8
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	575.8	417.2	10.9	92.3	1,087.6 R	869.4 R	25.3	169.6
LINEAR LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	317.2	295.6	47.0	51.6	653.9 R	633.4 R	108.2	97.8
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL (6)	695.9	577.4	31.0	112.4	1,385.3	1,204.5 R	72.8	211.1
POLYPROPYLENE, TOTAL (6)	638.6	481.2	6.2	148.7	1,340.2 R	1,015.2 R	11.0	327.9
ABS RESINS, TOTAL ** (ACRYLONITRILE-BUTADIENE-STYRENE)	76.4	74.3	5.9	16.4	166.1	168.7	11.5	34.1
SAN (STYRENE-ACRYLONITRILE) RESINS, TOTAL	9.5	6.0	0.3	5.5	19.8	12.6	0.8	10.3
OTHER STYRENICS **	89.5	89.9	0.2	12.2	185.8	191.2	0.4	27.9
POLYSTYRENE RESINS, TOTAL	384.5	328.2	2.6	21.2	770.8	702.4 R	6.9	46.9
NYLON RESINS, TOTAL (6)	43.5	42.8	3.7	12.9	88.0	82.2	9.7	25.9
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	718.3	554.7	3.6	108.3	1445.4	1,149.3 R	9.7	225.6
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (4)								
POLYVINYL ALCOHOL, TOTAL (4)								
OTHER VINYL RESINS	14.7	8.5	N/A	N/A	31.4	17.9	N/A	N/A
THERMOPLASTIC POLYESTER, TOTAL (6)	139.0	104.2	6.8	41.0	307.2	218.5	12.0	86.5
THERMOPLASTIC RESINS, TOTAL	3,702.9	2,980.0	118.2	622.5	7,481.5 R	6,265.3 R	268.3	1,263.6
GRAND TOTAL	4,135.1	3,401.5	124.5	643.7	8,410.8 R	7,165.3 R	282.0	1,313.4

(1) = Except phenolic resins which are reported on a gross weight basis.
(4) = The publishing of PVOH and PVAC data is temporarily suspended.
* Except for Epoxy Resin, Bureau of Census exports will differ from exports published in the SPI Monthly Statistical Report.
** = Domestic Sales include Exports.
(6) = Data includes Sales from Imports.

Monthly and Year-To-Date totals may not agree due to government revisions and rounding.

N/A = Not Available
R = Revision

Sources: Sales and Production – SPI Monthly Statistical Report
Imports – Bureau of the Census (IM 146)
Exports – Bureau of the Census (EM 545)

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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The Society of the
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SPI

MonthlyStatisticalReport-Resins

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FOR THE MONTH AND PERIOD ENDED

APRIL 30, 1991

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING & THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

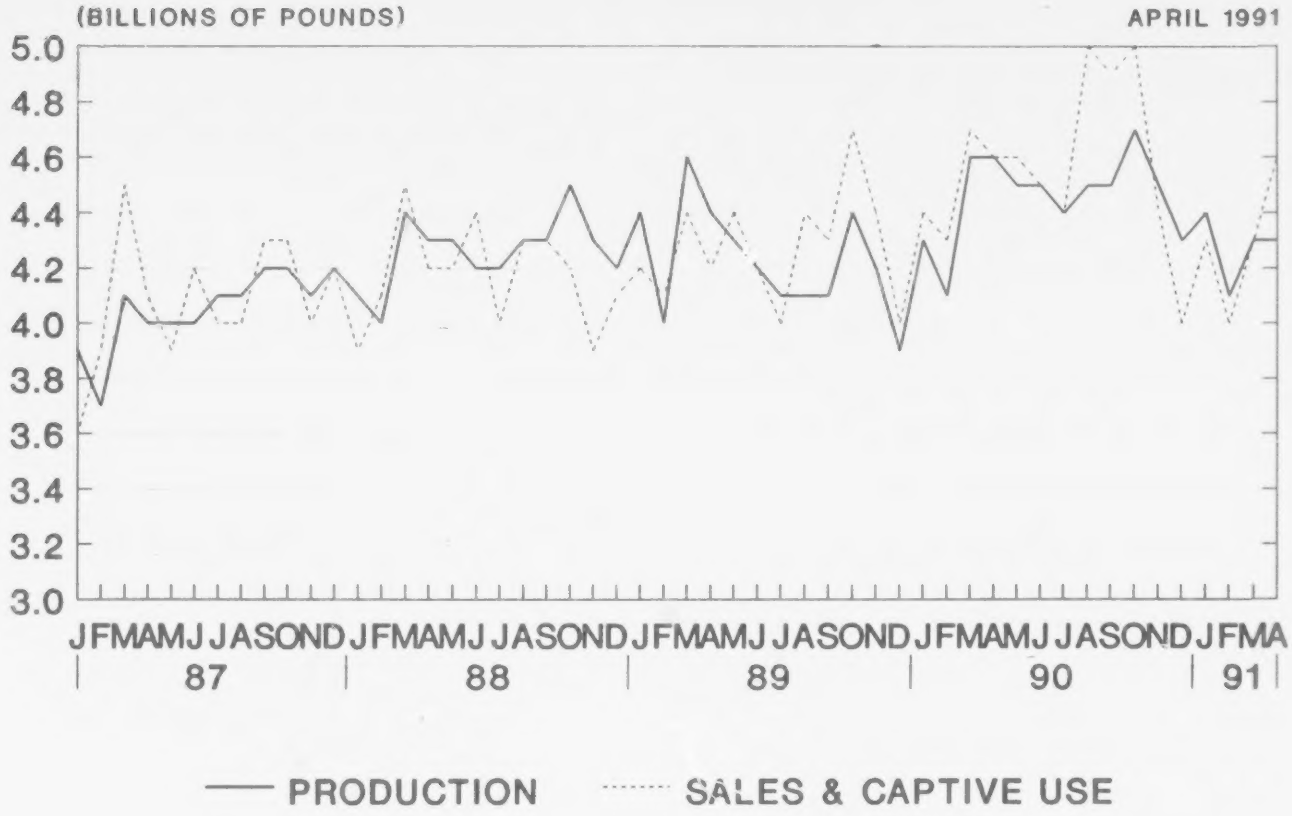
NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: June 13, 1991

THE SOCIETY OF THE PLASTICS INDUSTRY

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS



CRS

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

MONTHLY STATISTICAL REPORT

(Thousands of pounds, dry weight basis)(1)

APRIL 1991

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	% CHG	1991	1990	% CHG	1991	1990	% CHG
EPOXY RESIN, TOTAL	41,606	41,165	1.1	160,104	158,728	0.9	34,984	42,197	-17.1	156,797	172,026	-8.9
POLYESTER (UNSATURATED) RESINS, TOTAL	97,410	113,373	-14.1	345,204	437,110	-21.0	96,779	112,654	-14.1	343,948	442,537	-22.3
UREA RESINS, TOTAL	127,416	137,000	-7.0	488,714	525,930	-7.1	127,269	137,511	-7.4	489,027	524,008	-6.7
MELAMINE RESINS, TOTAL	13,841	13,666	1.3	55,447	54,726	1.3	17,695	18,020	-1.8	65,914	63,745	3.4
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	220,029	273,676	-19.6	843,183 R	1,018,589	-17.2	216,333	272,457	-20.6	843,008 R	1,018,467	-17.2
THERMOSETTING RESINS, TOTAL	500,302	578,880	-13.6	1,892,652 R	2,196,083	-13.8	493,080	582,839	-15.4	1,898,694 R	2,220,783	-14.6
LOW-DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	601,088	581,879	3.3	2,283,596	2,355,730	-3.1	566,153	636,414	-11.0	2,353,589	2,391,841	-1.6
LINEAR-LOW DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	393,778	395,563	-0.5	1,469,728	1,530,569	-4.0	347,282	308,578	12.5	1,378,391	1,191,703	15.7
HIGH-DENSITY POLYETHYLENE (ABOVE 0.940), TOTAL (6)	778,617	721,683	7.9	2,840,476 R	2,746,552	3.4	753,531	697,249	12.1	2,849,337 R	2,606,200	14.0
POLYPROPYLENE, TOTAL (6)	711,750	667,738	6.6	2,690,440	2,744,121	-2.0	662,887	695,830	-4.7	2,714,009	2,749,283	-1.3
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	99,899	110,277	-9.4	342,423	397,451	-13.8	74,160	110,913	-33.1	323,514	373,478	-13.4
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	8,372	11,833	-29.2	36,695	41,531	-11.6	8,257	10,786	-23.4	37,923	41,448	-8.5
POLYSTYRENE RESINS, TOTAL	419,400	406,689	3.1	1,530,048	1,719,486	-11.0	385,202	414,461	-7.1	1,546,173	1,648,662	-6.2
STYRENE BASED LATEXES, TOTAL **	95,580	94,678	1.0	347,434	365,944	-5.1	87,829	90,641	-3.1	327,514	350,601	-6.6
OTHER STYRENICS, TOTAL (40% or More Styrene)	13,258	13,418	-1.2	48,689	52,355	-7.0	11,283	12,658	-10.9	45,213	49,127	-8.0
NYLON RESINS (6)	49,470	47,024	5.2	196,526	183,072	7.3	46,917	47,024	-0.2	181,172	186,600	-2.9
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	744,658	789,271	-5.7	2,843,743	3,092,465	-8.0	680,727	776,055	-12.3	2,786,421	3,016,462	-7.6
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)	N/A	N/A		N/A	N/A		N/A	N/A		N/A	N/A	
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
OTHER VINYL RESINS (4)	14,405	14,583	-1.2	58,038	65,544	-11.5	12,696	17,510	-27.5	59,594	78,593	-24.2
THERMOPLASTIC POLYESTER, TOTAL (6)	188,887	159,960	18.1	654,176	608,355	7.5	179,261	167,856	6.8	640,809	604,569	6.0
THERMOPLASTIC RESINS, TOTAL	4,119,162	4,014,616	2.6	15,342,012 R	15,903,175	-3.5	3,816,184	3,985,975	-4.3	15,243,659 R	15,288,567	-0.3
GRAND TOTAL	4,619,464	4,593,496	0.6	17,234,664 R	18,099,258	-4.8	4,309,264	4,568,814	-5.7	17,142,353 R	17,509,350	-2.1

(1) = Except phenolic resins which are reported on a gross weight basis.

** = Sales and Captive Use figures include some Canadian produced materials.

(2) = The publishing of PVAC has been suspended.

D = Disclosure.

R = Revision

(3) = The publishing of PVOH data has been suspended.

(4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

(6) = Data Includes Sales from Imports.

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	APRIL			*YEAR-TO-DATE*			*APRIL*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
EPOXY RESIN, TOTAL	41,606	41,165	1.1	160,104	158,728	0.9	34,984	42,197	-17.1	156,797	172,026	-8.9
Exports, Total	7,924	7,921	0.0	31,805	27,551	15.4						
Captive Use, Total	1,310	1,291	1.5	5,840	5,878	-0.6						
Domestic Sales, Total	32,372	31,953	1.3	122,459	125,299	-2.3						
Domestic Sales & Captive Use,Total	33,682	33,244	1.3	128,299	131,177	-2.2						
Bonding & Adhesives	2,174	2,376	-8.5	8,753	9,196	-4.8						
Flooring, Paving & Exposed Aggregate	2,392	2,291	4.4	8,726	9,154	-4.7						
Protective Coatings	17,149	16,709	2.6	63,313	63,566	-0.4						
Fiber Reinforced Laminates & Composites	6,375	6,660	-4.3	25,647	28,387	-9.7						
FRL&C for Printed Wiring Board	4,080	4,334	-5.9	15,951	18,916	-15.7						
All Other FRL&C	2,295	2,326	-1.3	9,696	9,471	2.4						
Tooling, Casting & Molded Resins	2,030	2,496	-18.7	8,500	8,616	-1.3						
All Other Uses	3,562	2,712	31.3	13,360	12,258	9.0						
POLYESTER (UNSATURATED) RESINS, TOTAL	97,410	113,373	-14.1	345,204	437,110	-21.0	96,779	112,654	-14.1	343,948	442,537	-22.3
Total Exports	1,753	2,150	-18.5	6,294	7,465	-15.7						
Total Domestic	95,657	111,223	-14.0	338,910	429,645	-21.1						
General Purpose Resins, Total	81,520	96,520	-15.5	287,188	371,964	-22.8						
General Purpose - Thixotropic	31,591	36,216	-12.8	104,676	141,077	-25.8						
General Purpose - Press Molding	10,926	12,507	-12.6	37,966	48,661	-22.0						
General Purpose - Panel	6,263	7,854	-20.3	26,046	29,155	-10.7						
General Purpose - All Other	32,740	39,943	-18.0	118,500	153,071	-22.6						
Flame Retardant Resins	1,590	1,943	-18.2	6,333	7,890	-19.7						
Chemical Resistant Resins, Total	12,547	12,760	-1.7	45,389	49,791	-8.8						
Chemical Resistant Isophthalic Resins	8,424	8,959	-6.0	30,636	35,631	-14.0						
All Other Chemical Resistant Resins	4,123	3,801	8.5	14,753	14,160	4.2						
Reinforced Plastic, Total	69,845	81,870	-14.7	245,057 R	318,711	-23.1						
Non-Reinforced Plastics, Total	25,812	29,353	-12.1	93,853 R	110,934	-15.4						

R = Revision

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)(1)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	APRIL			*YEAR-TO-DATE*			*APRIL*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
UREA RESINS, TOTAL (E)	127,416	137,000	-7.0	488,714	525,930	-7.1	127,289	137,511	-7.4	489,027	524,008	-6.7
MELAMINE RESINS, TOTAL (E)	13,841	13,666	1.3	55,447	54,726	1.3	17,695	18,020	-1.8	65,914	63,745	3.4
UREA & MELAMINE RESINS, TOTAL (E)	141,257	150,666	-6.2	544,161	580,656	-6.3	144,984	155,531	-6.8	554,941	587,753	-5.6
Total Exports	D1	D1		D1	D1							
Total Domestic	141,257	150,666	-6.2	544,161	580,656	-6.3						
Textile Coating & Treating Resins	2,211	2,834	-22.0	6,760	11,757	-42.5	2,470	5,918	-58.3	7,864	17,045	-53.9
Paper Coating & Treating Resins	4,236	5,191	-18.4	17,821	18,493	-3.6	4,416	5,394	-18.1	18,500	18,981	-2.5
Molding Compounds	D2	D2		D2	D2		D2	D2		D2	D2	
Bonding & Adhesive Resins for:	113,239	119,192	-5.0	439,980	461,666	-4.7	113,052	119,756	-5.6	439,521	462,123	-4.9
Laminating	1,312	1,470	-10.7	5,601	8,076	-30.6	1,317	1,605	-17.9	5,617	8,359	-32.8
Plywood	4,813	5,485	-12.3	19,957	18,949	5.3	4,906	5,670	-13.5	19,970	19,248	3.8
Fibrous & Granulated Wood (Particle Board)	107,114	112,237	-4.6	414,422	434,641	-4.7	106,829	112,481	-5.0	413,934	434,516	-4.7
Protective Coatings (Straight & Modified)	8,168	8,207	-0.5	32,261	31,237	3.3	12,613	12,534	0.6	45,060	41,543	8.5
All Other Uses	13,403	15,242	-12.1	47,339	57,503	-17.7	12,433	11,929	4.2	43,996	48,061	-8.5
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	220,029	273,676	-19.6	843,183 R	1,018,589	-17.2	216,333	272,457	-20.6	843,008 R	1,018,467	-17.2
Total Exports	1,067	2,649	-59.7	4,213	7,987	-47.3						
Total Domestic	218,962	271,027	-19.2	838,970 R	1,010,602	-17.0						
Molding Compounds	12,907	15,448	-16.4	51,218	57,429	-10.8	12,005	18,432	-34.9	51,830	66,144	-21.6
Bonding & Adhesive Resins for:	202,673	252,188	-19.6	775,152 R	940,415	-17.6	200,921	251,002	-20.0	777,603 R	939,395	-17.2
Laminating	12,597	16,674	-24.5	48,735	59,948	-18.7	12,668	16,439	-22.9	48,958	60,188	-18.7
Coated & Bonded Abrasives	D3	2,710		D3	9,607		D3	2,530		D3	9,371	
Friction Materials	3,717	4,281	-13.2	13,466	15,593	-13.6	2,839	3,776	-24.8	12,571	15,883	-20.9
Insulation Materials	28,503	37,438	-23.9	121,615	143,107	-15.0	28,097	37,672	-25.4	121,883	142,607	-14.5
Foundry & Shell Molding	6,026	6,819	-11.6	26,188 R	25,839	1.4	5,805	6,613	-12.2	26,118 R	25,261	3.4
Plywood	D3	D3		D3	D3		D3	D3		D3	D3	
Fibrous and Granulated Wood	D3	D3		D3	D3		D3	D3		D3	D3	
Resins Sold to Rubber Industry	D3	D3		D3	D3		D3	D3		D3	D3	
All Other	151,830	184,266	N/C	565,148	686,321	N/C	151,512	183,972	N/C	568,073	686,085	N/C
Protective Coatings - Unmodified & Modified	D2	D2		D2	D2		D2	D2		D2	D2	
Resins Sold to Rubber Ind. - Non Adhesive Uses	D2	D2		D2	D2		D2	D2		D2	D2	
All Other Uses	3,382	3,391	-0.3	12,600	12,758	-1.2	3,407	3,023	12.7	13,575	12,928	5.0

(E) = Estimate - Data include estimates for one company.
D1 = Disclosure: Included in Domestic, Total and All Other Uses.
D2 = Disclosure: Included in All Other Uses.
D3 = Disclosure: Included in All Other Bonding & Adhesive Resins.

(1) = Phenolic is on a Gross Weight Basis.
N/C = Not Comparable.
R = Revision

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT

(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
LOW DENSITY POLYETHYLENE - 0.940 & BELOW, TOTAL (6)	601,088	581,879	3.3	2,283,596	2,355,730	-3.1	578,853	648,228	-10.7	2,399,743	2,447,079	-1.9
Imports, Total							12,700	11,814	7.5	46,154	55,238	-16.4
Exports, Total	104,108	58,556	77.8	429,180	269,761	59.1						
Domestic, Total	496,980	523,323	-5.0	1,854,416	2,085,969	-11.1	566,153	636,414	-11.0	2,353,589	2,391,841	-1.6
Film (12 Mils & Below)	287,914	308,979	-6.8	1,075,407	1,236,153	-13.0						
Packaging Film	191,720	207,146	-7.4	740,003	842,414	-12.2						
Food Packaging Film	90,674	94,618	-4.2	368,958	413,918	-10.9						
Non-Food Packaging Film	77,121	89,035	-13.4	291,956	334,390	-12.7						
Shrink Film	12,736	12,387	2.8	40,166	50,314	-20.2						
Stretch Film	11,189	11,106	0.7	38,923	43,792	-11.1						
Non-Packaging Film	96,194	101,833	-5.5	335,404	393,739	-14.8						
Carry-Out Bags	14,360	11,537	24.5	40,252	34,953	15.2						
Trash and Can Liners	27,949	33,462	-16.5	96,624	120,715	-20.0						
Other Non-Packaging Film	53,885	56,834	-5.2	198,528	238,071	-16.6						
Sheet (Over 12 Mils)	5,979	7,554	-20.8	21,726	23,994	-9.5						
Injection Molding	21,624	29,186	-25.9	75,348	124,675	-39.6						
Injection Molded Lids	4,053	6,542	-38.0	16,699	26,859	-37.8						
Injection Molded Housewares	3,600	3,610	-0.3	15,805	16,460	-4.0						
Other Injection Molding	13,971	19,034	-26.6	42,844	81,356	-47.3						
Wire and Cable	20,396	22,685	-10.1	75,113	80,650	-6.9						
Extrusion Coating	74,739	68,226	9.5	278,688	261,218	6.7						
Blow Molding	5,827	5,112	14.0	22,449	20,058	11.9						
Pipe and Conduit, Total	D5	D5		D5	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	7,279	7,210	1.0	25,379	28,983	-12.4						
Rotomolding	D2	D2		D2	D2							
Resellers & Compounders, Total	55,404	45,827	20.9	208,579	181,556	14.9						
Resellers	37,723	32,885	14.7	147,614	127,877	15.4						
Compounders	17,681	12,942	36.6	60,965	53,679	13.6						
Adhesives and Sealants	12,880	9,342	37.9	44,205	37,067	19.3						
All Other Uses	4,938	19,202	-74.3	27,522	91,615	-70.0						

D2 = Disclosure: Included in All Other Uses.

(6) = Sales Include Imports.

D = Disclosure

D5 = Disclosure: Included in Other Extruded Products.

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
LINEAR LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	393,778	395,563	-0.5	1,469,728	1,530,569	-4.0	405,310	377,004	7.5	1,593,341	1,470,976	8.3
Imports, Total							58,028	68,426	-15.2	214,950	279,273	-23.0
Exports, Total	44,531	14,244	212.6	165,680	72,348	129.0						
Domestic, Total	349,247	381,319	-8.4	1,304,048	1,458,221	-10.6	347,282	308,578	12.5	1,378,391	1,191,703	15.7
Film (12 Mils & Below)	226,397	253,219	-10.6	837,709 R	951,549	-12.0						
Packaging Film	97,918	103,437	-5.3	378,208 R	418,029	-9.5						
Food Packaging Film	17,035	17,100	-0.4	68,226 R	75,856	-10.1						
Non-Food Packaging Film	38,315	58,934	-35.0	138,324 R	227,998	-39.3						
Shrink Film	D10	D10		D10	D10							
Stretch Film	42,568	27,403	55.3	171,658 R	114,175	50.3						
Non-Packaging Film	128,479	149,782	-14.2	459,501 R	533,520	-13.9						
Carry-Out Bags	22,028	20,326	8.4	82,088 R	83,088	-1.2						
Trash and Can Liners	87,864	99,266	-11.5	312,838 R	350,409	-10.7						
Other Non-Packaging Film	18,587	30,190	-38.4	64,575 R	100,023	-35.4						
Sheet (Over 12 Mils)	1,719	3,602	-52.3	16,346	17,096	-4.4						
Injection Molding	45,390	42,875	5.9	174,532 R	159,462	9.5						
Injection Molded Lids	15,429	15,023	2.7	56,181	60,778	-7.6						
Injection Molded Housewares	24,348	18,524	31.4	91,551 R	62,618	46.2						
Other Injection Molding	5,613	9,328	-39.8	26,800	36,066	-25.7						
Wire and Cable	11,716	12,782	-8.3	39,645	50,641	-21.7						
Extrusion Coating	D5	D5		D5	D5							
Blow Molding	991	3,051	-67.5	4,427	11,186	-60.4						
Pipe and Conduit, Total	2,660	6,540	-59.3	12,896	21,351	-39.6						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	4,202	2,984	40.8	13,366 R	11,673	14.5						
Rotomolding	19,164	27,344	-29.9	66,032 R	111,375	-40.7						
Resellers & Compounders, Total	26,053	16,600	56.9	103,420	81,216	27.3						
Resellers	13,474	6,333	112.8	58,028	42,863	35.4						
Compounders	12,579	10,267	22.5	45,392	38,353	18.4						
Adhesives and Sealants	D2	D2		D2	D2							
All Other Uses	10,955	12,322	-11.1	35,675	42,672	-16.4						

D2 = Disclosure: Included in All Other Uses.
D5 = Disclosure: Included in Other Extruded Products.
D10 = Disclosure: Shrink Film is Included in Stretch Film.

(6) = Sales Include Imports.

D = Disclosure
R = Revision

THE SOCIETY OF THE PLASTICS INDUSTRY
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(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
HIGH DENSITY POLYETHYLENE – ABOVE 0.940. TOTAL (6)	778,617	721,683	7.9	2,840,476 R	2,746,552	3.4	782,648	731,405	7.0	2,947,202 R	2,713,449	8.6
Imports, Total							29,117	34,158	-14.8	97,865	107,249	-8.7
Exports, Total	73,245	52,592	39.3	317,250 R	221,050	43.5						
Domestic, Total	705,372	669,091	5.4	2,523,226 R	2,525,502	-0.1	753,531	697,249	8.1	2,849,337 R	2,606,200	9.3
Film (12 Mils & Below)	80,843	85,132	-5.0	295,284 R	296,246	-0.3						
Packaging Film	19,710	22,962	-14.2	69,019 R	87,551	-21.2						
Food Packaging Film	12,730	16,104	-21.0	48,604	56,938	-14.6						
Non-Food Packaging Film	6,980	6,858	1.8	20,415 R	30,613	-33.3						
Non-Packaging Film	61,133	62,170	-1.7	226,265 R	208,695	8.4						
Retail Bags	53,588	49,345	8.6	186,688 R	166,583	12.1						
Grocery Sacks & T-Shirt Bags	26,713	26,488	0.8	89,420 R	87,155	2.6						
All Other Retail Bags	26,875	7,444	N/C	97,268 R	23,033	N/C						
Trash Bags/Can Liners	D9	15,413		D9	56,395							
All Other Non-Packaging Film	7,545	12,825	-41.2	39,577 R	42,112	-6.0						
Sheet (Over 12 Mils)	24,382	33,847	-28.0	96,389	126,736	-23.9						
Injection Molding, Total	142,881	127,966	11.7	516,387	495,229	4.3						
Pails (5 gallons or less)	41,379	37,407	10.6	156,591	143,608	9.0						
Housewares	11,160	7,595	46.9	36,591	33,636	8.8						
Food Tubs/Containers & Drink Cups	26,722	26,482	0.9	99,229	101,667	-2.4						
Crates and Totes	24,409	16,408	48.8	74,185	64,046	15.8						
Toys/Novelties/Sporting Goods	6,177	6,971	-11.4	21,444	21,723	-1.3						
Caps and Closures	7,492	8,104	-7.6	31,587	35,595	-11.3						
All Other Injection Molding	25,542	24,999	2.2	96,760	94,954	1.9						
Wire and Cable	12,247	15,177	-19.3	46,131	58,169	-20.7						
Blow Molding, Total	256,343	232,124	10.4	922,164 R	959,626	-3.9						
Motor Oil Bottles	18,837	17,904	5.2	56,784	76,7[illegible]	-26.0						
Liquid Food Bottles	83,445	77,138	8.2	313,776	317,519	-1.2						
Household Chemical Bottles	75,936	69,362	9.5	274,176	291,404	-5.9						
Industrial Drums	17,624	13,010	35.5	60,359 R	52,921	14.1						
Gas Tanks, All Uses	3,488	2,651	31.6	11,206	10,585	5.9						
Pharm., Cosmetics, & Toiletries	17,762	19,887	-10.7	69,016	77,366	-10.8						
All Other Blow Molding	39,251	32,172	22.0	136,847 R	133,131	2.8						
Pipe and Conduit, Total	57,113	59,825	-4.5	184,219 R	185,303	-0.6						
Corrugated	12,108	9,929	21.9	32,718	35,653	-8.2						
Non-Corrugated	45,005	49,896	-9.8	151,501 R	149,6[illegible]	1.2						
Gas Distribution	18,637	17,115	8.9	59,232 R	53[illegible]	11.2						
Water	9,377	D11		31,241	[illegible]							
Industrial/Sewer	14,645	D11		51,850 R	[illegible]							
All Other Non-Corrugated Pipe	2,346	32,781	N/C	9,178	[illegible],376	N/C						
Other Extruded Products	9,973	6,729	48.2	35,456 R	27,969	26.8						
Rotomolding	8,611	7,053	22.1	35,924	24,026	49.5						
Reseller & Compounders, Total	81,065	72,498	11.8	297,703 R	254,672	16.9						
Resellers	75,442	68,081	10.8	279,009 R	238,814	16.8						
Compounders	5,623	4,417	27.3	18,694	15,858	17.9						
All Other HDPE	31,914	28,740	11.0	93,569 R	97,526	-4.1						

D9 = Disclosure: Included in All Other Retail Bags.
D11 = Disclosure: Included in All Other Non-Corrugated Pipe.

(6) = Sales Include Imports.

N/C = Not Comparable.
R = Revision

Compiled By Ernst & Young, Washington DC, for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	APRIL			*YEAR-TO-DATE*			*APRIL*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
POLYPROPYLENE, TOTAL (6)	711,750	667,738	6.6	2,690,440	2,744,121	-2.0	665,774	N/A		2,722,[illegible]45	N/A	
Imports, Total							2,887	N/A		8,636	N/A	
Exports, Total	128,212	117,337	9.3	559,702	522,469	7.1						
Domestic, Total	583,538	550,401	6.0	2,130,738	2,221,652	-4.1	662,887	695,830	-4.7	2,714,009	2,749,283	-1.3
Injection Molding, Total	171,637	167,773	2.3	627,754	663,743	-5.4						
Appliances	14,466	15,018	-3.7	52,755	62,912	-16.1						
Consumer Products	58,081	56,895	2.1	225,011	214,041	5.1						
Rigid Packaging	61,221	55,948	9.4	216,319	228,147	-5.2						
Transportation	22,280	24,063	-7.4	75,165	97,014	-22.5						
All Other Injection Molding	15,589	15,849	-1.6	58,504	61,629	-5.1						
Blow Molding	12,902	11,967	7.8	51,558	49,114	5.0						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below), Total	64,530	48,501	33.0	225,070	194,409	15.8						
Oriented Film	50,535	38,749	30.4	171,274	154,742	10.7						
Non-Oriented Film	13,995	9,752	43.5	53,796	39,667	35.6						
Sheet (Over 10 Mils), Total	10,035	12,190	-17.7	41,054	46,310	-11.3						
Packaging	5,136	D		24,110	D							
Non-Packaging	4,899	D		16,944	D							
Extrusion Coating	2,495	803	210.7	7,140	6,853	4.2						
Wire and Cable	D5	D5		D5	D5							
Fiber and Filaments, Total	178,251	181,200	-1.6	640,064	709,206	-9.7						
Textile Applications	170,574	168,338	1.3	605,455	662,158	-8.6						
Nonwovens	54,404	53,492	1.7	192,670	202,891	-5.0						
Monofilament & Multifilament Fibers	62,627	59,966	4.4	217,814	242,135	-10.0						
Slit Film Fibers	53,543	54,880	-2.4	194,971	217,132	-10.2						
Non-Textile Monofilaments	7,677	12,862	-40.3	34,609	47,048	-26.4						
Pipe and Conduit	D5	D5		D5	D5							
Other Extruded Products	7,054	10,200	-30.8	26,008	39,347	-33.9						
Resellers/Distributors/Compounders, Total	127,305	114,523	11.2	489,855	495,125	-1.1						
Resellers	47,242	41,536	13.7	199,089	198,652	0.2						
Distributors	31,363	26,334	19.1	107,981	116,181	-7.1						
Compounders	48,700	46,653	4.4	182,785	180,292	1.4						
All Other Uses	9,329	3,244	187.6	22,235	17,545	26.7						

D5 = Disclosure: Included in Other Extruded Products.
(6) = Sales Include Imports.

N/A = Not Available
D = Disclosure

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RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	APRIL			*YEAR-TO-DATE*			*APRIL*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
POLYSTYRENE RESINS, TOTAL	419,400	406,689	3.1	1,530,048	1,719,486	-11.0	385,202	414,461	-7.1	1,546,173	1,648,662	-6.2
Crystal (Solid) Polystyrene	155,700	220,128	N/C	611,991	922,333	N/C	146,986	157,197	-6.5	617,068	645,117	-4.3
Rubber Modified Polystyrene	202,279	186,561	8.4	712,330	797,153	-10.6	186,065	190,657	-2.4	719,569	755,160	-4.7
Expandable Polystyrene	61,421	D13		205,727	D13		52,151	66,607	-21.7	209,536	248,385	-15.6
Exports, Total	21,123	10,708	97.3	79,812	53,440	49.3						
Crystal (Solid) Polystyrene	3,975	6,021	N/C	27,868	29,943	N/C						
Rubber Modified Polystyrene	9,399	4,687	100.5	30,263	23,497	28.8						
Expandable Polystyrene	7,749	D13		21,681	D13							
Domestic, Total	398,277	395,981	0.6	1,450,236	1,666,046	-13.0						
Molding	137,350	135,959	1.0	504,449	574,720	-12.2						
Extrusion	188,703	192,397	-1.9	713,303	810,945	-12.0						
Expandable Polystyrene	53,672	57,039	-5.9	184,046	230,877	-20.3						
Block	20,858	21,042	-0.9	66,191	86,096	-23.1						
Shape	12,232	12,640	-3.2	41,741	51,264	-18.6						
Loose Fill	D6	D6		D6	D6							
Other EPS	20,582	23,357	-11.9	76,114	93,517	-18.6						
All Other Uses	18,552	10,586	75.3	48,438	49,504	-2.2						
Polystyrene End-Uses, Total	398,277	395,981	0.6	1,450,236	1,666,046	-13.0						
Packaging & One Time Use	145,473	155,052	-6.2	559,952	653,201	-14.3						
Consumer & Institutional Products	45,143	44,515	1.4	166,706	188,298	-11.5						
Electrical/Electronics	60,547	55,028	10.0	211,786	227,412	-6.9						
Furniture,Furnishings,Bldg. & Construction	21,629	22,943	-5.7	80,374	97,230	-17.3						
Expandable Polystyrene	53,672	57,039	-5.9	184,046	230,877	-20.3						
Resellers and Compounders	63,018	46,412	35.8	210,402	212,170	-0.8						
All Other End-Uses	8,795	14,992	-41.3	36,970	56,858	-35.0						

D6 = Disclosure: Included in Other EPS
D13 = Disclosure: Included in Crystal (Solid) Polystyrene

N/C – Not Comparable

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RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	APRIL			*YEAR-TO-DATE*			*APRIL*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
ABS (ACRYLONITRILE-BUTADIENE-STYRENE), TOTAL	99,899	110,277	-9.4	342,423	397,451	-13.8	74,160	110,913	-33.1	323,514	373,478	-13.4
SAN (STYRENE-ACRYLONITRILE), TOTAL	8,372	11,833	-29.2	36,695	41,531	-11.6	8,257	10,786	-23.4	37,923	41,448	-8.5
Total Exports	1,834	4,245	-56.8	11,995	12,898	-7.0						
Total Domestic	6,538	7,588	-13.8	24,700	28,633	-13.7						
OTHER STYRENICS (40% OR MORE STYRENE), TOTAL	13,258	13,418	-1.2	48,689	52,355	-7.0	11,283	12,658	-10.9	45,213	49,127	-8.0
ABS, SAN, & OTHER STYRENICS, TOTAL	121,529	135,528	-10.3	427,807	491,337	-12.9	93,700	134,357	-30.3	406,650	464,053	-12.4
Total Exports	15,528	20,523	-24.3	71,218	69,885	1.9						
Total Domestic	106,001	115,005	-7.8	356,589	421,452	-15.4						
Electrical/Electronics	D2	D2		D2	D2							
Building & Construction	10,664	14,677	-27.3	34,973	55,042	-36.5						
Transportation	31,377	36,545	-14.1	102,948	128,891	-20.1						
Consumer & Institutional	15,327	13,735	11.6	50,673	54,503	-7.0						
All Other Uses	48,633	50,048	-2.8	167,995	183,016	-8.2						
STYRENE BASED LATEXES, TOTAL*	95,580	94,678	1.0	347,434	365,944	-5.1	87,829	90,641	-3.1	327,514	350,601	-6.6
Carpet Backing	35,804	34,737	3.1	126,136	134,947	-6.5						
All Other Uses	59,776	59,941	-0.3	221,298	230,997	-4.2						
NYLON RESINS, TOTAL(6)	49,470	47,024	5.2	196,526	183,072	7.3	N/A	N/A		N/A	N/A	
Imports, Total							N/A	N/A		N/A	N/A	
Exports, Total	5,922	4,587	29.1	28,294 R	20,672	36.9						
Domestic, Total	43,548	42,437	2.6	168,232 R	162,400	3.6	46,917	47,024	-0.2	181,172	186,600	-2.9
Injection Molding Grade	26,161	25,178	3.9	101,833 R	95,100	7.1						
Extrusion Grade	12,778	13,070	-2.2	50,888 R	51,584	-1.3						
Resellers & Compounders	3,371	3,543	-4.9	11,730	13,166	-10.9						
All Other Uses	1,238	646	91.6	3,781	2,550	48.3						
Nylon End-Uses, Total	43,548	42,437	2.6	168,232 R	162,400	3.6						
Automotive and Truck	15,289	14,641	4.4	58,671 R	53,078	10.5						
Electrical and Electronic	5,173	4,987	3.7	19,796	20,269	-2.3						
Appliances	1,528	1,191	28.3	5,695	4,382	30.0						
Film and Coating	5,827	6,130	-4.9	24,591	23,827	3.2						
Wire and Cable	2,833	2,877	-1.5	10,830 R	12,086	-10.4						
Monofilament	1,975	1,597	23.7	7,405	7,578	-2.3						
Consumer	1,932	1,658	16.5	7,285 R	6,316	15.3						
Industrial/Machinery	3,921	3,585	9.4	15,205 R	14,902	2.0						
All Other End-Uses	5,070	5,771	-12.1	18,754	19,962	-6.1						

* – Styrene Based Latexes Sales include some Canadian produced material.
D2 = Disclosure: Included in All Other Uses.
R = Revision

N/A = Not Available.
(6) – Includes sales from imports.

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RESIN	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (DRY RESIN CONTENT)	744,658	789,271	-5.7	2,843,743	3,092,465	-8.0	680,727	776,055	-12.3	2,786,421	3,016,462	-7.6
Homopolymer Resins, Including Blending & Latex	684,696	729,021	-6.1	2,623,178	2,858,404	-8.2	615,792	713,009	-13.6	2,538,087	2,766,588	-8.3
Copolymer Resins, Including Blending & Latex	15,629	18,101	-13.7	57,258	74,087	-22.7	22,776	19,508	16.8	79,617	74,412	7.0
Dispersion Resins	44,333	42,149	5.2	163,307	159,974	2.1	42,159	43,538	-3.2	168,717	175,462	-3.8
Exports, Total	123,501	76,584	61.3	518,850	328,767	57.8						
Domestic, Total	621,157	712,687	-12.8	2,324,893	2,763,698	-15.9						
Calendering, Total	80,029	88,166	-9.2	317,583	341,696	-7.1						
Flooring	18,429	20,444	-9.9	65,626	77,422	-15.2						
Textile	7,921	10,301	-23.1	34,438	38,703	-11.0						
All Other Calendering Uses	53,679	57,421	-6.5	217,519	225,571	-3.6						
Coating, Total	25,521	30,001	-14.9	98,757	110,695	-10.8						
Flooring	11,400	12,366	-7.8	47,176	46,718	1.0						
Textile and Paper Coating	8,140	8,962	-9.2	29,435	31,477	-6.5						
Protective Coatings	3,276	4,450	-26.4	12,808	16,658	-23.1						
Adhesives & All Other Coating Uses	2,705	4,223	-35.9	9,338	15,842	-41.1						
Extrusion, Total	423,625	487,829	-13.2	1,557,327	1,875,044	-16.9						
Wire and Cable	30,647	34,085	-10.1	113,491	137,668	-17.6						
Film and Sheet, Packaging	22,614	27,296	-17.2	89,024	113,446	-21.5						
Film and Sheet, Non-Packaging	4,089	3,122	31.0	16,135	15,636	3.2						
Siding, Siding Acc. & Mobile Home Skirting	63,414	77,097	-17.7	239,393	285,955	-16.3						
Rigid Pipe and Tubing (except fittings)	255,780	300,425	-14.9	929,372	1,123,403	-17.3						
Extruded Windows and Doors	8,385	N/A		31,667	N/A							
All Other Extrusion Uses	38,696	45,804	N/C	138,245	198,936	N/C						
Molding, Total	40,043	46,017	-13.0	152,413	179,918	-15.3						
Bottles	18,310	19,699	-7.1	67,014	76,097	-11.9						
Fittings (Rigid Pipe and Tubing)	15,637	15,262	2.5	60,894	55,550	9.6						
All Other Molding Uses	6,096	11,056	-44.9	24,505	48,271	-49.2						
Paste Processes (except coating), Total	17,044	15,345	11.1	59,509	59,358	0.3						
Plastisol Formulation	8,765	7,976	9.9	33,184	31,612	5.0						
All Other Paste Process Uses	8,279	7,369	12.3	26,325	27,746	-5.1						
Resellers & Compounders	30,579	31,626	-3.3	121,340	126,776	-4.3						
All Other Uses	4,316	13,703	-68.5	17,964	70,211	-74.4						

N/A - Not Available

N/C = Not Comparable

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	APRIL			*YEAR-TO-DATE*			*APRIL*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)												
Exports, Total												
Domestic, Total												
Emulsion Paints												
Adhesives, Caulks and Sealants												
Paper Treating & Paper Coating												
Textile Treating												
Non-Woven Binders												
All Other Uses												
POLYVINYL ALCOHOL, TOTAL (3)												
Exports, Total												
Domestic, Total												
OTHER VINYL RESINS, TOTAL (4)	14,405	14,583	-1.2	58,038	65,544	-11.5	12,695	17,510	-27.5	59,594	78,593	-24.2
Exports, Total	5,749	4,903	17.3	26,306	23,004	14.4						
Domestic, Total	8,656	9,680	-10.6	31,732	42,540	-25.4						
THERMOPLASTIC POLYESTER, TOTAL (6)	188,887	159,980	18.1	654,176	608,355	7.5	179,261	167,856	6.8	640,809	604,569	6.0
Exports, Total	44,582	27,369	62.9	171,812	113,045	52.0						
PET Bottle Grade Resin, Exports	D	D		D	D							
All Other Exports	D	D		D	D							
Domestic, Total	144,305	132,611	8.8	482,364	495,310	-2.6						
Domestic PET	N.R.	N.R.		N.R.	N.R.							
Solid State Phase Resin	D12	D12		D12	D12							
PET Bottle Grades	93,489	89,653	4.3	326,360	343,768	-5.1						
PET/PBT Resellers & Compounders	N.R.4	N.R.4		N.R.4	N.R.4							
All Other Thermoplastic Polyester	50,816	42,958	18.3	156,004	151,542	2.9						

(2) – The publishing of PVAC data has been suspended.

(3) – The publishing of PVOH data has been suspended.

(4) – Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

D12 = Disclosure: Included in All Other Thermoplastic Polyester.

N.R.4 = Not Reported: Included in All Other Thermoplastic Polyester.

N.R. = Not Reported

D = Disclosure

(6) – Includes sales from imports.

The Society of the
Plastics Industry, Inc.

SPI

MonthlyStatisticalReport-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED
MARCH 31, 1991

DATA FOR CALCULATING APPARENT CONSUMPTION OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: June 13, 1991

CRS

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(Millions of pounds, dry weight basis)(1)

MARCH 1991

RESIN KIND	MARCH				YEAR-TO-DATE			
	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*
EPOXY RESIN, TOTAL	44.7	31.7	1.6	8.4	121.8 R	90.1	4.1	23.9
POLYESTER (UNSATURATED) RESINS, TOTAL	81.3	79.9	0.9	9.0	247.2	243.3	2.1	24.2
UREA RESINS, TOTAL **	128.4	128.8	1.7	1.4	361.7	361.3	4.7	5.1
MELAMINE RESINS, TOTAL **	15.6	13.7	0.7	2.4	48.2	41.6	1.6	5.6
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	200.5	197.9	2.7	5.8	621.3 R	614.6 R	8.9	18.0
THERMOSETTING RESINS, TOTAL	470.5	452.0	7.6	27.0	1,400.2 R	1,350.9 R	21.4	76.8
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	605.2	477.7	10.7	85.3	1,787.4 R	1,357.4 R	35.9	254.8
LINEAR LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	356.8	319.0	67.7	67.5	1,031.1 R	954.8	175.9	165.4
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL (6)	713.3	637.8	37.5	118.1	2,100.0 R	1,817.6 R	110.3	329.2
POLYPROPYLENE, TOTAL (6)	710.9	531.9	6.2	176.3	2,051.1	1,547.2	17.2	504.3
ABS RESINS, TOTAL ** (ACRYLONITRILE-BUTADIENE-STYRENE)	76.2	74.5	5.8	14.4	249.4 R	242.5 R	17.3	48.5
SAN (STYRENE-ACRYLONITRILE) RESINS, TOTAL	11.1	5.7	0.3	5.5	29.7 R	18.2 R	1.1	15.8
OTHER STYRENICS **	89.8	97.1	0.4	19.9	273.6 R	287.3 R	0.9	47.8
POLYSTYRENE RESINS, TOTAL	390.1	349.6	2.8	24.9	1,161.0	1,052.0	9.7	71.8
NYLON RESINS, TOTAL (6)	46.2	42.1	5.3	15.0	134.3	124.3	15.1	40.8
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	660.3	554.4	8.7	134.8	2,105.7	1,703.7	18.4	360.4
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (4)								
POLYVINYL ALCOHOL, TOTAL (4)								
OTHER VINYL RESINS	15.5	8.0	N/A	N/A	46.9	23.1 R	N/A	N/A
THERMOPLASTIC POLYESTER, TOTAL (6)	154.3	118.1	10.7	52.0	461.5	338.1 R	22.7	138.4
THERMOPLASTIC RESINS, TOTAL	3,829.7	3,215.9	156.1	713.7	11,431.7 R	9,466.2 R	424.5	1,977.2
GRAND TOTAL	4,300.2	3,667.9	163.7	740.7	12,831.9 R	10,817.1 R	445.9	2,054.0

(1) = Except phenolic resins which are reported on a gross weight basis.
(4) = The publishing of PVOH and PVAC data is temporarily suspended.
* Except for Epoxy Resin, Bureau of Census exports will differ from exports published in the SPI Monthly Statistical Report.
** = Domestic Sales include Exports.
(6) = Data Includes Sales from Imports.

Monthly and Year-To-Date totals may not agree due to government revisions and rounding.

N/A = Not Available
R = Revision

Sources:
Sales and Production – SPI Monthly Statistical Report
Imports – Bureau of the Census (IM 146)
Exports – Bureau of the Census (EM 545)

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

May 31, 1991

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING & THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

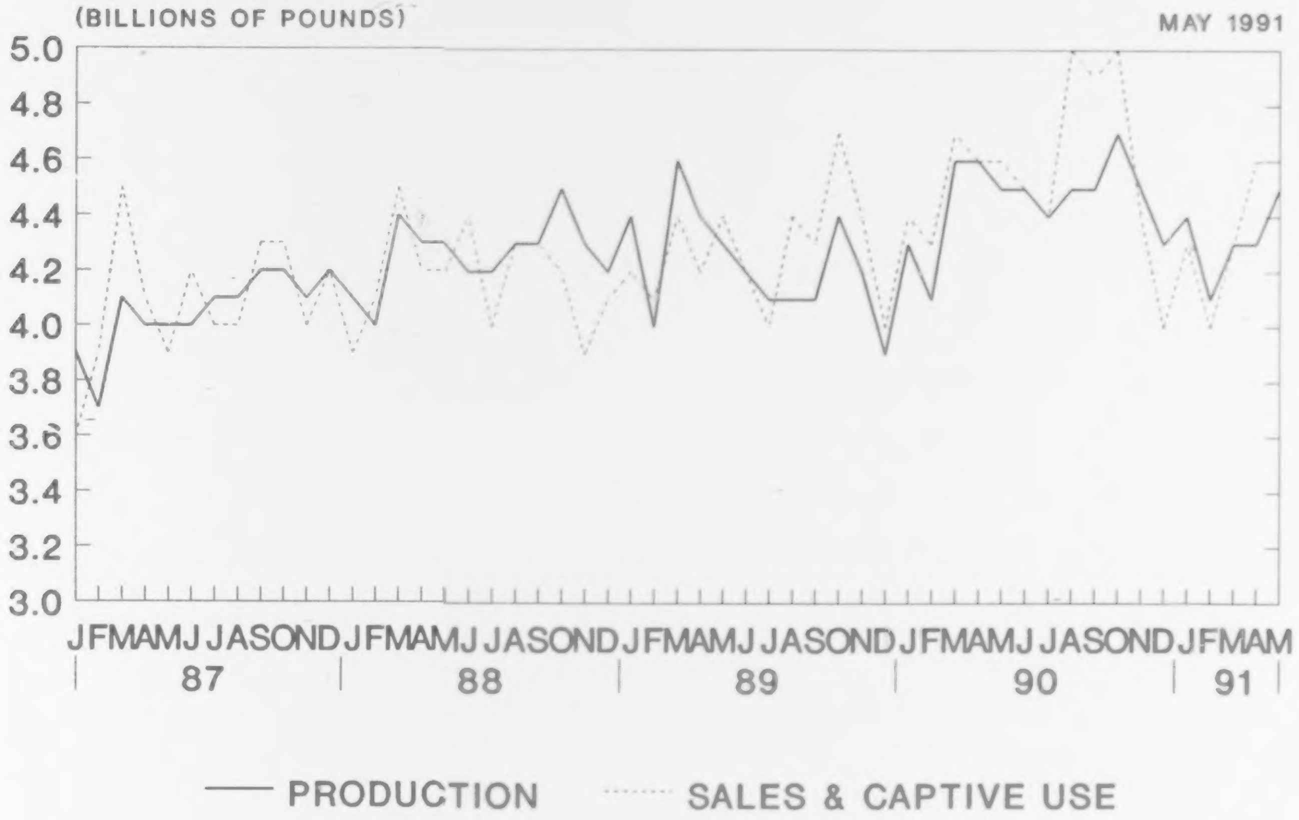
AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: July 12, 1991

THE SOCIETY OF THE PLASTICS INDUSTRY
PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS



MAY 1991

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

MONTHLY STATISTICAL REPORT

(Thousands of pounds, dry weight basis)(1)

MAY 1991

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	MAY			*YEAR-TO-DATE*			*MAY*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
EPOXY RESIN, TOTAL	38,998	43,363	-10.1	199,102	202,091	-1.5	43,456	42,428	2.4	200,253	214,454	-6.6
POLYESTER (UNSATURATED) RESINS, TOTAL	97,351	114,372	-14.9	442,555	551,482	-19.8	96,789	114,586	-15.5	440,737	557,123	-20.9
UREA RESINS, TOTAL (E)	120,724	127,192	-5.1	609,438	653,122	-6.7	120,209	125,576	-4.3	609,236	649,584	-6.2
MELAMINE RESINS, TOTAL (E)	14,113	15,588	-9.5	69,744 R	70,314	-0.8	22,151	17,649	25.5	85,790 R	81,394	5.4
PHENOLIC & OTHER TAR ACID RESINS, TOTAL (E)	214,024	243,089	-12.0	1,057,207	1,261,678	-16.2	210,511	241,172	-12.7	1,053,519	1,259,639	-16.4
THERMOSETTING RESINS, TOTAL	485,210	543,604	-10.7	2,378,046 R	2,738,687	-13.2	493,116	541,411	-8.9	2,389,535 R	2,762,194	-13.5
LOW-DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	605,454	593,714	2.0	2,889,050	2,949,444	-2.0	585,643	595,937	-1.7	2,939,232 R	2,987,778	-1.6
LINEAR-LOW DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	393,068	374,444	5.0	1,862,796	1,905,013	-2.2	381,434	304,420	25.3	1,759,825	1,496,123	17.6
HIGH-DENSITY POLYETHYLENE (ABOVE 0.940), TOTAL (6)	778,400	732,559	6.3	3,618,876	3,479,111	4.0	780,470	713,964	9.3	3,629,807	3,320,164	9.3
POLYPROPYLENE, TOTAL (6)	695,690	659,601	5.5	3,386,130	3,403,722	-0.5	666,401	718,470	-7.2	3,380,410	3,467,753	-2.5
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	96,055	98,268	-2.3	438,884 R	495,739	-11.5	71,965	107,097	-32.8	401,882 R	480,575	-16.4
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	10,794	14,233	-24.2	47,510 R	55,764	-14.8	12,445	11,907	4.5	45,435	53,355	-14.8
POLYSTYRENE RESINS, TOTAL	413,378	433,167	-4.6	1,943,426	2,152,653	-9.7	402,486	426,690	-5.7	1,948,659	2,075,352	-6.1
STYRENE BASED LATEXES, TOTAL ** (E)	95,959	95,677	0.3	443,393	461,621	-3.9	84,718	84,267	0.5	412,232	434,868	-5.2
OTHER STYRENICS, TOTAL (40% or More Styrene)	13,654	14,807	-7.8	62,328 R	67,162	-7.2	8,392	12,722	-34.0	53,593 R	61,849	-13.3
NYLON RESINS (6)	56,874	52,623	8.1	253,824 R	235,695	7.7	46,638	51,787	-9.9	228,729 R	238,387	-4.1
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	788,816	783,817	0.6	3,632,559	3,876,282	-6.3	770,631	789,646	-2.4	3,557,052	3,806,108	-6.5
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)	N/A	N/A		N/A	N/A		N/A	N/A		N/A	N/A	
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
OTHER VINYL RESINS (4)	15,265	17,656	-13.5	73,570 R	83,200	-11.6	17,864	18,556	-3.7	78,120 R	97,149	-19.6
THERMOPLASTIC POLYESTER, TOTAL (6)	181,145	171,756	5.5	835,321	780,111	7.1	175,011	156,174	12.1	815,820	760,743	7.2
THERMOPLASTIC RESINS, TOTAL	4,144,552	4,042,342	2.5	19,487,667 R	19,945,517	-2.3	4,004,098	3,991,637	0.3	19,250,796 R	19,280,204	-0.2
GRAND TOTAL	4,629,762	4,585,946	1.0	21,865,713 R	22,684,204	-3.6	4,497,214	4,533,048	-0.8	21,640,331 R	22,042,398	-1.8

(1) = Except phenolic resins which are reported on a gross weight basis.

** = Sales and Captive Use figures include some Canadian produced materials.

(2) = The publishing of PVAC has been suspended.

D = Disclosure.

R = Revision

(3) = The publishing of PVOH data has been suspended.

(4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

(6) = Data Includes Sales from Imports.

E = Estimate - Data include estimates for one company.

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	MAY			*YEAR-TO-DATE*			*MAY*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
EPOXY RESIN, TOTAL	38,998	43,363	-10.1	199,102	202,091	-1.5	43,456	42,428	2.4	200,253	214,454	-6.6
Exports, Total	6,521	6,829	-4.5	38,326	34,380	11.5						
Captive Use, Total	1,344	1,294	3.9	7,184	7,172	0.2						
Domestic Sales, Total	31,133	35,240	-11.7	153,592	160,539	-4.3						
Domestic Sales & Captive Use,Total	32,477	36,534	-11.1	160,776	167,711	-4.1						
Bonding & Adhesives	2,013	2,765	-27.2	10,766	11,961	-10.0						
Flooring, Paving & Exposed Aggregate	2,680	2,581	3.8	11,406	11,735	-2.8						
Protective Coatings	16,668	18,240	-8.6	79,981	81,806	-2.2						
Fiber Reinforced Laminates & Composites	5,925	7,441	-20.4	31,572	35,828	-11.9						
FRL&C for Printed Wiring Board	3,430	4,719	-27.3	19,381	23,635	-18.0						
All Other FRL&C	2,495	2,722	-8.3	12,191	12,193	0.0						
Tooling, Casting & Molded Resins	1,862	2,533	-26.5	10,362	11,149	-7.1						
All Other Uses	3,329	2,974	11.9	16,689	15,232	9.6						
POLYESTER (UNSATURATED) RESINS, TOTAL	97,351	114,372	-14.9	442,555	551,482	-19.8	96,789	114,586	-15.5	440,737	557,123	-20.9
Total Exports	1,697	2,397	-29.2	7,991	9,862	-19.0						
Total Domestic	95,654	111,975	-14.6	434,564	541,620	-19.8						
General Purpose Resins, Total	82,364	96,574	-14.7	369,552	468,538	-21.1						
General Purpose - Thixotropic	28,768	38,613	-25.5	133,444	179,690	-25.7						
General Purpose - Press Molding	10,604	13,040	-18.7	48,570	61,701	-21.3						
General Purpose - Panel	6,683	8,015	-16.6	32,729	37,170	-11.9						
General Purpose - All Other	36,309	36,906	-1.6	154,809	189,977	-18.5						
Flame Retardant Resins	1,658	1,985	-16.5	7,991	9,875	-19.1						
Chemical Resistant Resins, Total	11,632	13,416	-13.3	57,021	63,207	-9.8						
Chemical Resistant Isophthalic Resins	7,943	9,475	-16.2	38,579	45,106	-14.5						
All Other Chemical Resistant Resins	3,689	3,941	-6.4	18,442	18,101	1.9						
Reinforced Plastic, Total	66,745	82,539	-19.1	311,802	401,250	-22.3						
Non-Reinforced Plastics, Total	28,909	29,436	-1.8	122,762	140,370	-12.5						

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)(1)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	MAY			*YEAR-TO-DATE*			*MAY*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
UREA RESINS, TOTAL (E)	120,724	127,192	-5.1	609,438	653,122	-6.7	120,209	125,576	-4.3	609,236	649,584	-6.2
MELAMINE RESINS, TOTAL (E)	14,113	15,588	-9.5	69,744 R	70,314	-0.8	22,151	17,649	25.5	85,790 R	81,394	5.4
UREA & MELAMINE RESINS, TOTAL (E)	134,837	142,780	-5.6	679,182 R	723,436	-6.1	142,360	143,225	-0.6	695,026 R	730,978	-4.9
Total Exports	D1	D1		D1	D1							
Total Domestic	134,837	142,780	-5.6	679,182 R	723,436	-6.1						
Textile Coating & Treating Resins	1,898	3,023	-37.2	8,658	14,780	-41.4	2,157	3,482	-38.1	10,021	20,527	-51.2
Paper Coating & Treating Resins	4,289	5,131	-16.4	22,452 R	23,624	-5.0	4,401	5,203	-15.4	22,901	24,184	-5.3
Molding Compounds	D2	D2		D2	D2		D2	D2		D2	D2	
Bonding & Adhesive Resins for:	108,201	111,242	-2.7	548,181	572,908	-4.3	107,471	110,803	-3.0	546,992	572,926	-4.5
Laminating	1,188	1,461	-18.7	6,789	9,537	-28.8	1,164	1,455	-20.0	6,781	9,814	-30.9
Plywood	4,936	5,176	-4.6	24,893	24,125	3.2	4,924	5,217	-5.6	24,894	24,465	1.8
Fibrous & Granulated Wood (Particle Board)	102,077	104,605	-2.4	516,499	539,246	-4.2	101,383	104,131	-2.6	515,317	538,647	-4.3
Protective Coatings (Straight & Modified)	8,252	9,309	-11.4	39,748 R	40,546	-2.0	17,274	12,281	40.7	60,140 R	53,824	11.7
All Other Uses	12,197	14,075	-13.3	60,143 R	71,578	-16.0	11,057	11,456	-3.5	54,972 R	59,517	-7.6
PHENOLIC & OTHER TAR ACID RESINS, TOTAL (E)	214,024	243,089	-12.0	1,057,207	1,261,678	-16.2	210,511	241,172	-12.7	1,053,519	1,259,639	-16.4
Total Exports	1,331	2,820	-52.8	5,544	10,807	-48.7						
Total Domestic	212,693	240,269	-11.5	1,051,663	1,250,871	-15.9						
Molding Compounds	13,026	15,239	-14.5	64,244	72,668	-11.6	11,672	16,761	-30.4	63,502	82,905	-23.4
Bonding & Adhesive Resins for:	195,340	221,884	-12.0	970,492	1,162,299	-16.5	194,082	221,030	-12.2	971,685	1,160,425	-16.3
Laminating	11,223	13,879	-19.1	59,958	73,827	-18.8	11,141	13,714	-18.8	60,099	73,902	-18.7
Coated & Bonded Abrasives	D3	2,499		D3	12,106		D3	2,451		D3	11,822	
Friction Materials	3,546	3,952	-10.3	17,012	19,545	-13.0	2,968	3,964	-25.1	15,539	19,847	-21.7
Insulation Materials	30,767	35,212	-12.6	152,382	178,319	-14.5	30,535	34,989	-12.7	152,418	177,596	-14.2
Foundry & Shell Molding	6,703	6,449	3.9	32,891	32,286	1.9	6,468	6,497	-0.4	32,586	31,758	2.6
Plywood	D3	D3		D3	D3		D3	D3		D3	D3	
Fibrous and Granulated Wood	D3	D3		D3	D3		D3	D3		D3	D3	
Resins Sold to Rubber Industry	D3	D3		D3	D3		D3	D3		D3	D3	
All Other	143,101	159,893	N/C	708,249	846,214	N/C	142,970	159,415	N/C	711,043	845,500	N/C
Protective Coatings - Unmodified & Modified	D2	D2		D2	D2		D2	D2		D2	D2	
Resins Sold to Rubber Ind. - Non Adhesive Uses	D2	D2		D2	D2		D2	D2		D2	D2	
All Other Uses	4,327	3,146	37.5	16,927	15,904	6.4	4,757	3,381	40.7	18,332	16,309	12.4

(E) = Estimate - Data include estimates for one company.
D1 = Disclosure: Included in Domestic, Total and All Other Uses.
D2 = Disclosure: Included in All Other Uses.
D3 = Disclosure: Included in All Other Bonding & Adhesive Resins.

(1) = Phenolic is on a Gross Weight Basis.
N/C = Not Comparable.
R = Revision

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	MAY			*YEAR-TO-DATE*			*MAY*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
LOW DENSITY POLYETHYLENE - 0.940 & BELOW, TOTAL (6)	605,454	593,714	2.0	2,889,050	2,949,444	-2.0	600,143	611,247	-1.8	2,999,886	3,058,326	-1.9
Imports, Total							14,500	15,310	-5.3	60,654	70,548	-14.0
Exports, Total	109,827	65,182	68.5	539,007	334,943	60.9						
Domestic, Total	495,627	528,532	-6.2	2,350,043	2,614,501	-10.1	585,643	595,937	-1.7	2,939,232	2,987,778	-1.6
Film (12 Mils & Below)	292,770	311,122	-5.9	1,368,177	1,547,275	-11.6						
Packaging Film	194,690	211,388	-7.9	934,693	1,053,802	-11.3						
Food Packaging Film	92,468	92,850	-0.4	461,426	506,768	-8.9						
Non-Food Packaging Film	81,842	93,550	-12.5	373,798	427,940	-12.7						
Shrink Film	12,574	13,902	-9.6	52,740	64,216	-17.9						
Stretch Film	7,806	11,086	-29.6	46,729	54,878	-14.8						
Non-Packaging Film	98,080	99,734	-1.7	433,484	493,473	-12.2						
Carry-Out Bags	13,482	11,925	13.1	53,734	46,878	14.6						
Trash and Can Liners	32,934	31,542	4.4	129,558	152,257	-14.9						
Other Non-Packaging Film	51,664	56,267	-8.2	250,192	294,338	-15.0						
Sheet (Over 12 Mils)	6,534	6,539	-0.1	28,260	30,533	-7.4						
Injection Molding	29,506	30,395	-2.9	104,854	155,070	-32.4						
Injection Molded Lids	4,236	6,627	-36.1	20,935	33,486	-37.5						
Injection Molded Housewares	4,284	3,682	16.3	20,089	20,142	-0.3						
Other Injection Molding	20,986	20,086	4.5	63,830	101,442	-37.1						
Wire and Cable	15,709	22,718	-30.9	90,822	103,368	-12.1						
Extrusion Coating	67,511	65,037	3.8	346,199	326,255	6.1						
Blow Molding	5,386	6,201	-13.1	27,835	26,259	6.0						
Pipe and Conduit, Total	D5	D5		D5	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	7,848	7,452	5.3	33,227	36,435	-8.8						
Rotomolding	D2	D2		D2	D2							
Resellers & Compounders, Total	45,960	48,535	-5.3	254,539	230,091	10.6						
Resellers	27,093	36,065	-24.9	174,707	163,942	6.6						
Compounders	18,867	12,470	51.3	79,832	66,149	20.7						
Adhesives and Sealants	10,904	8,677	25.7	55,109	45,744	20.5						
All Other Uses	13,499	21,856	-38.2	41,021	113,471	-63.8						

D2 = Disclosure: Included in All Other Uses.

(6) = Sales Include Imports.

D = Disclosure

D5 = Disclosure: Included in Other Extruded Products.

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
LINEAR LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	393,068	374,444	5.0	1,862,796	1,905,013	-2.2	434,350	365,785	18.7	2,027,691	1,836,761	10.4
Imports, Total							52,916	61,365	-13.8	267,866	340,638	-21.4
Exports, Total	34,406	18,122	89.9	200,086	90,470	121.2						
Domestic, Total	358,662	356,322	0.7	1,662,710	1,814,543	-8.4	381,434	304,420	25.3	1,759,825	1,496,123	17.6
Film (12 Mils & Below)	234,925	232,182	1.2	1,072,634	1,183,731	-9.4						
Packaging Film	103,693	98,778	5.0	481,901	516,807	-6.8						
Food Packaging Film	20,869	15,282	36.6	89,095	91,138	-2.2						
Non-Food Packaging Film	44,780	55,708	-19.6	183,104	283,706	-35.5						
Shrink Film	D10	D10		D10	D10							
Stretch Film	38,044	27,788	36.9	209,702	141,963	47.7						
Non-Packaging Film	131,232	133,404	-1.6	590,733	666,924	-11.4						
Carry-Out Bags	21,931	19,870	10.4	104,019	102,958	1.0						
Trash and Can Liners	89,342	84,560	5.7	402,180	434,969	-7.5						
Other Non-Packaging Film	19,959	28,974	-31.1	84,534	128,997	-34.5						
Sheet (Over 12 Mils)	9,222	3,192	188.9	25,568	20,288	26.0						
Injection Molding	47,100	47,060	0.1	221,632	206,522	7.3						
Injection Molded Lids	13,312	15,333	-13.2	69,493	76,111	-8.7						
Injection Molded Housewares	26,212	20.650	26.9	117,763	83,268	41.4						
Other Injection Molding	7,576	11,077	-31.6	34,376	47,143	-27.1						
Wire and Cable	9,581	13,105	-26.9	49,226	63,746	-22.8						
Extrusion Coating	D5	D5		D5	D5							
Blow Molding	628	1,510	-58.4	5,055	12,696	-60.2						
Pipe and Conduit, Total	4,091	4,635	-11.7	16,987	25,986	-34.6						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	2,550	2,425	5.2	15,916	14,098	12.9						
Rotomolding	17,758	24,596	-27.8	83,790	135,971	-38.4						
Resellers & Compounders, Total	23,798	18,482	28.8	127,218	99,698	27.6						
Resellers	17,617	6,962	153.0	84,192 R	49,825	69.0						
Compounders	6,181	11,520	-46.3	43,026 R	49,873	-13.7						
Adhesives and Sealants	D2	D2		D2	D2							
All Other Uses	9,009	9,135	-1.4	44,684	51,807	-13.7						

D2 = Disclosure: Included in All Other Uses.
D5 = Disclosure: Included in Other Extruded Products.
D10 = Disclosure: Shrink Film is Included in Stretch Film.

(6) = Sales Include Imports.

D = Disclosure
R = Revision

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
HIGH DENSITY POLYETHYLENE – ABOVE 0.940. TOTAL (6)	778,400	732,559	6.3	3,618,876	3,479,111	4.0	809,355	747,385	8.3	3,756,557	3,460,834	8.5
Imports, Total							28,885	33,421	-13.6	126,750	140,670	-9.9
Exports, Total	66,550	53,383	24.7	383,800	274,433	39.9						
Domestic, Total	711,850	679,176	4.8	3,235,078	3,204,678	0.9	780,470	713,964	9.3	3,629,807	3,320,164	9.3
Film (12 Mils & Below)	78,667	72,630	8.3	373,951	368,876	1.4						
Packaging Film	16,125	19,825	-18.7	85,144	107,376	-20.7						
Food Packaging Film	11,815	14,380	-17.8	60,419	71,318	-15.3						
Non-Food Packaging Film	4,310	5,445	-20.8	24,725	36,058	-31.4						
Non-Packaging Film	62,542	52,805	18.4	288,807	261,500	10.4						
Retail Bags	52,167	37,793	38.0	238,855	204,376	16.9						
Grocery Sacks & T-Shirt Bags	24,366	19,657	24.0	112,786	106,812	6.5						
All Other Retail Bags	27,801	4,977	N/C	125,069	28,010	N/C						
Trash Bags/Can Liners	D9	13,159		D9	69,554							
All Other Non-Packaging Film	10,375	15,012	-30.9	49,952	57,124	-12.6						
Sheet (Over 12 Mils)	28,434	32,590	-12.8	124,823	159,326	-21.7						
Injection Molding, Total	158,254	141,924	11.5	674,641	637,153	5.9						
Pails (5 gallons or less)	48,166	44,824	7.5	204,757	188,432	8.7						
Housewares	11,291	8,665	30.3	47,882	42,301	13.2						
Food Tubs/Containers & Drink Cups	25,807	24,594	4.9	125,036	126,261	-1.0						
Crates and Totes	24,321	21,729	11.9	98,506	85,775	14.8						
Toys/Novelties/Sporting Goods	7,684	4,931	55.8	29,128	26,654	9.3						
Caps and Closures	9,419	10,179	-7.5	41,006	45,774	-10.4						
All Other Injection Molding	31,566	27,002	16.9	128,326	121,956	5.2						
Wire and Cable	12,189	15,422	-21.0	58,320	73,591	-20.8						
Blow Molding, Total	264,749	245,145	8.0	1,186,913	1,204,771	-1.5						
Motor Oil Bottles	21,498	16,315	31.8	78,282	93,015	-15.8						
Liquid Food Bottles	84,718	82,757	2.4	398,494	400,276	-0.4						
Household Chemical Bottles	79,819	76,115	4.9	353,995	367,519	-3.7						
Industrial Drums	18,474	12,794	44.4	78,833	65,715	20.0						
Gas Tanks, All Uses	3,281	3,118	5.2	14,487	13,703	5.7						
Pharm., Cosmetics, & Toiletries	19,596	18,217	7.6	88,612	95,583	-7.3						
All Other Blow Molding	37,363	35,829	4.3	174,210	168,960	3.1						
Pipe and Conduit, Total	49,451	70,119	-29.5	233,670	255,422	-8.5						
Corrugated	7,776	10,042	-22.6	40,494	45,695	-11.4						
Non-Corrugated	41,675	60,077	-30.6	193,176	209,727	-7.9						
Gas Distribution	14,846	23,432	-36.6	74,078	76,706	-3.4						
Water	10,633	D11		41,874	D11							
Industrial/Sewer	14,332	D11		66,182	D11							
All Other Non-Corrugated Pipe	1,864	36,645	N/C	11,042	133,021	N/C						
Other Extruded Products	11,299	8,156	38.5	46,755	36,125	29.4						
Rotomolding	9,629	6,768	42.3	45,553	30,794	47.9						
Reseller & Compounders, Total	73,315	62,253	17.8	371,018	316,925	17.1						
Resellers	69,682	58,687	18.7	348,691	297,501	17.2						
Compounders	3,633	3,566	1.9	22,327	19,424	14.9						
All Other HDPE	25,863	24,169	7.0	119,432	121,695	-1.9						

D9 = Disclosure: Included in All Other Retail Bags.
D11 = Disclosure: Included in All Other Non-Corrugated Pipe.

(6) = Sales Include Imports.

N/C = Not Comparable.

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	MAY			*YEAR-TO-DATE*			*MAY*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
POLYPROPYLENE, TOTAL (6)	695,690	659,601	5.5	3,386,130	3,403,722	-0.5	670,912	N/A		3,393,557	N/A	
Imports, Total							4,511	N/A		13,147	N/A	
Exports, Total	114,311	113,525	0.7	674,013	635,994	6.0						
Domestic, Total	581,379	546,076	6.5	2,712,117	2,767,728	-2.0	666,401	718,470	-7.2	3,380,410	3,467,753	-2.5
Injection Molding, Total	174,362	160,097	8.9	802,116	823,840	-2.6						
Appliances	16,544	15,167	9.1	69,299	78,079	-11.2						
Consumer Products	60,767	52,436	15.9	285,778	266,477	7.2						
Rigid Packaging	59,846	53,848	11.1	276,165	281,995	-2.1						
Transportation	21,497	26,053	-17.5	96,662	123,067	-21.5						
All Other Injection Molding	15,708	12,593	24.7	74,212	74,222	0.0						
Blow Molding	11,628	11,413	1.9	63,186	60,527	4.4						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below), Total	55,858	49,125	13.7	280,928	243,534	15.4						
Oriented Film	43,643	40,086	8.9	214,917	194,828	10.3						
Non-Oriented Film	12,215	9,039	35.1	66,011	48,706	35.5						
Sheet (Over 10 Mils), Total	11,718	13,066	-10.3	52,772	59,376	-11.1						
Packaging	6,347	D		30,457	D							
Non-Packaging	5,371	D		22,315	D							
Extrusion Coating	1,956	1,380	41.7	9,096	8,233	10.5						
Wire and Cable	D5	D5		D5	D5							
Fiber and Filaments, Total	179,706	173,740	3.4	819,770	882,946	-7.2						
Textile Applications	169,713	164,931	2.9	775,168	827,089	-6.3						
Nonwovens	51,454	53,070	-3.0	244,124	255,961	-4.6						
Monofilament & Multifilament Fibers	65,955	55,498	18.8	283,769	297,633	-4.7						
Slit Film Fibers	52,304	56,363	-7.2	247,275	273,495	-9.6						
Non-Textile Monofilaments	9,993	8,809	13.4	44,602	55,857	-20.1						
Pipe and Conduit	D5	D5		D5	D5							
Other Extruded Products	6,495	11,298	-42.5	32,503	50,645	-35.8						
Resellers/Distributors/Compounders, Total	133,083	119,171	11.7	622,938	614,296	1.4						
Resellers	50,603	39,582	27.8	249,692	238,234	4.8						
Distributors	31,959	31,763	0.6	139,940	147,944	-5.4						
Compounders	50,521	47,826	5.6	233,306	228,118	2.3						
All Other Uses	6,573	6,786	-3.1	28,808	24,331	18.4						

D5 = Disclosure: Included in Other Extruded Products.
(6) = Sales Include Imports.

N/A = Not Available
D = Disclosure

Compiled By Ernst & Young, Washington DC, for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	MAY			*YEAR-TO-DATE*			*MAY*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
POLYSTYRENE RESINS, TOTAL	413,378	433,167	-4.6	1,943,426	2,152,653	-9.7	402,486	426,690	-5.7	1,948,659	2,075,352	-6.1
Crystal (Solid) Polystyrene	161,571	228,014	N/C	773,562	1,150,347	N/C	154,234	180,027	-14.3	771,302	825,144	-6.5
Rubber Modified Polystyrene	192,766	205,153	-6.0	905,096	1,002,306	-9.7	201,526	189,397	6.4	921,095	944,557	-2.5
Expandable Polystyrene	59,041	D13		264,768	D13		46,726	57,266	-18.4	256,262	305,651	-16.2
Exports, Total	18,117	11,638	55.7	97,929	65,078	50.5						
Crystal (Solid) Polystyrene	5,417	5,223	N/C	33,285	35,166	N/C						
Rubber Modified Polystyrene	6,803	6,415	6.0	37,066	29,912	23.9						
Expandable Polystyrene	5,897	D13		27,578	D13							
Domestic, Total	395,261	421,529	-6.2	1,845,497	2,087,575	-11.6						
Molding	142,071	145,393	-2.3	646,520	720,113	-10.2						
Extrusion	185,356	211,851	-12.5	898,659	1,022,796	-12.1						
Expandable Polystyrene	53,144	51,768	2.7	237,190	282,645	-16.1						
Block	21,534	15,181	41.8	87,725	101,277	-13.4						
Shape	11,711	13,722	-14.7	53,452	64,986	-17.7						
Loose Fill	D6	D6		D6	D6							
Other EPS	19,899	22,865	-13.0	96,013	116,382	-17.5						
All Other Uses	14,690	12,517	17.4	63,128	62,021	1.8						
Polystyrene End-Uses, Total	395,261	421,529	-6.2	1,845,497	2,087,575	-11.6						
Packaging & One Time Use	152,337	171,826	-11.3	712,289	825,027	-13.7						
Consumer & Institutional Products	45,992	47,184	-2.5	212,698	235,482	-9.7						
Electrical/Electronics	57,782	58,578	-1.4	269,568	285,990	-5.7						
Furniture,Furnishings,Bldg. & Construction	19,443	21,374	-9.0	99,817	118,604	-15.8						
Expandable Polystyrene	53,144	51,768	2.7	237,190	282,645	-16.1						
Resellers and Compounders	59,139	55,271	7.0	269,541	267,441	0.8						
All Other End-Uses	7,424	15,528	-52.2	44,394	72,386	-38.7						

D6 = Disclosure: Included in Other EPS
D13 = Disclosure: Included in Crystal (Solid) Polystyrene

N/C – Not Comparable

A892-5A

The Society of the
Plastics Industry, Inc.

SPI

MonthlyStatisticalReport-Resins

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FOR THE MONTH AND PERIOD ENDED
June 30, 1991

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING & THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

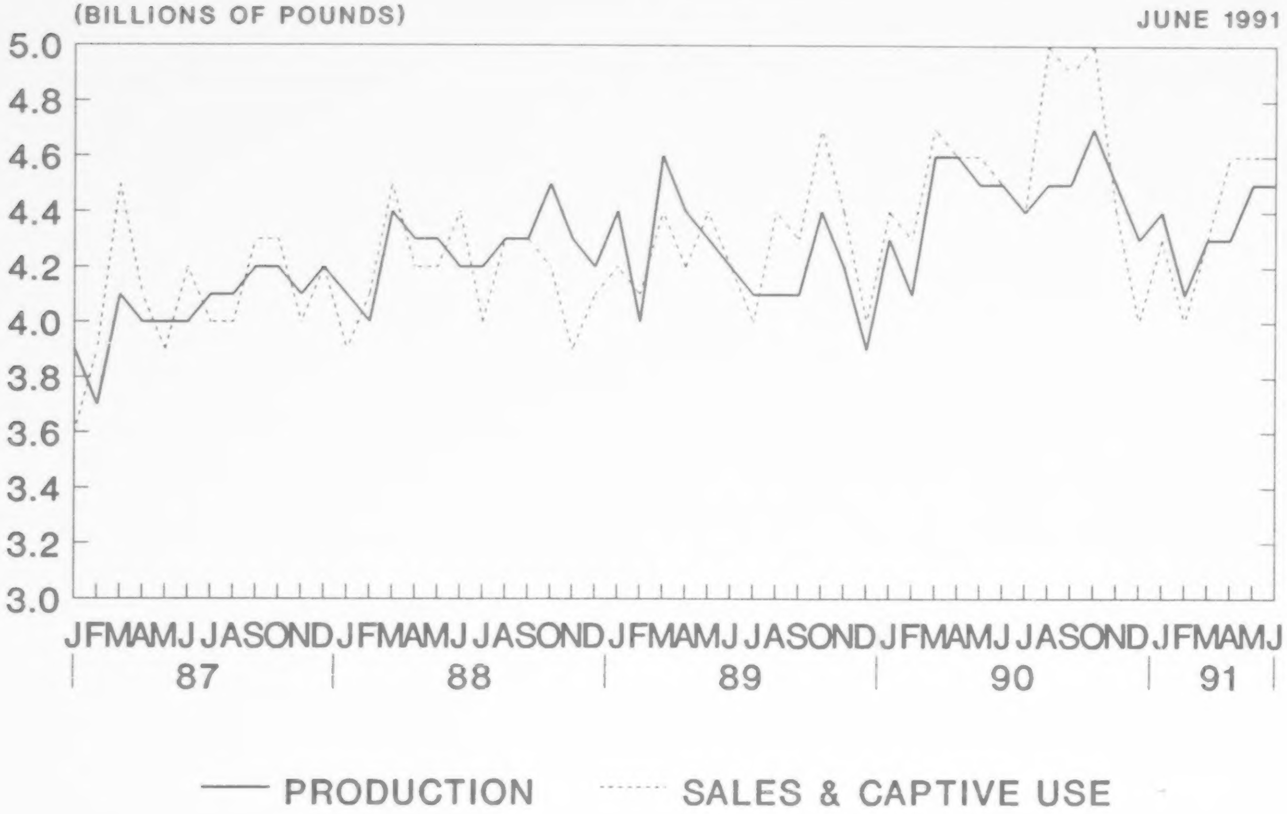
NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: August 14, 1991

THE SOCIETY OF THE PLASTICS INDUSTRY

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS



THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

MONTHLY STATISTICAL REPORT

(Thousands of pounds, dry weight basis)(1)

JUNE 1991

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR-TO-DATE			JUNE			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	% CHG	1991	1990	% CHG	1991	1990	% CHG
EPOXY RESIN, TOTAL	40,094	45,334	-11.6	239,196	247,425	-3.3	44,491	39,612	12.3	244,744	254,066	-3.7
POLYESTER (UNSATURATED) RESINS, TOTAL	92,067	106,955	-13.9	534,622	658,437	-18.8	92,935	107,995	-13.9	533,672	665,118	-19.8
UREA RESINS, TOTAL	123,585	132,672	-6.8	733,023	785,794	-6.7	127,117	130,078	-2.3	736,353	779,662	-5.6
MELAMINE RESINS, TOTAL	14,136	14,905	-5.2	83,880	85,219	-1.6	16,268	18,927	-14.0	102,058	100,321	1.7
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	233,039	253,639	-8.1	1,290,246	1,515,317	-14.9	234,232	254,247	-7.9	1,287,751	1,513,886	-14.9
THERMOSETTING RESINS, TOTAL	502,921	553,505	-9.1	2,880,967	3,292,192	-12.5	515,043	550,859	-6.5	2,904,578	3,313,053	-12.3
LOW-DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	633,493	560,467	13.0	3,522,543	3,509,911	0.4	566,051	590,973	-4.2	3,505,283	3,578,751	-2.1
LINEAR-LOW DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	378,750	364,506	3.9	2,241,546	2,269,519	-1.2	292,306	342,322	-14.6	2,052,131	1,838,445	11.6
HIGH-DENSITY POLYETHYLENE (ABOVE 0.940), TOTAL (6)	742,374	696,560	6.6	4,361,250	4,175,671	4.4	776,237	666,577	16.5	4,406,044	3,986,741	10.5
POLYPROPYLENE, TOTAL (7)	657,157	652,137	0.8	4,043,287	4,055,859	-0.3	692,954	693,536	-0.1	4,073,364	4,161,289	-2.1
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	92,951	96,419	-3.6	531,835	592,158	-10.2	85,347	97,764	-12.7	487,229	578,339	-15.8
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	9,930	11,322	-12.3	57,440	67,086	-14.4	8,982	10,750	-16.4	54,417	64,105	-15.1
POLYSTYRENE RESINS, TOTAL	405,265	420,982	-3.7	2,348,691	2,573,635	-8.7	393,193	424,697	-7.4	2,341,852	2,500,049	-6.3
STYRENE BASED LATEXES, TOTAL **	91,647	95,995	-4.5	532,861 R	557,616	-4.4	88,835	88,070	0.9	502,788 R	522,938	-3.9
OTHER STYRENICS, TOTAL (40% or More Styrene)	12,814	12,519	2.4	75,142	79,681	-5.7	9,669	12,368	-21.8	63,262	74,217	-14.8
NYLON RESINS (6)	56,718	50,484	12.3	310,542	286,179	8.5	47,244	50,570	-6.6	275,973	288,957	-4.5
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	792,606	764,447	3.7	4,425,165	4,640,729	-4.6	791,193	761,797	3.9	4,348,245	4,567,905	-4.8
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)	N/A	N/A		N/A	N/A		N/A	N/A		N/A	N/A	
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
OTHER VINYL RESINS (4)	17,132	15,210	12.6	90,702	98,410	-7.8	16,502	15,089	9.4	94,622	112,238	-15.7
THERMOPLASTIC POLYESTER, TOTAL (6)	170,844	166,754	2.5	1,003,876 R	946,865	6.0	179,641	164,515	9.2	999,805 R	925,258	8.1
THERMOPLASTIC RESINS, TOTAL	**4,061,681**	**3,907,802**	**3.9**	**23,544,880 R**	**23,853,319**	**-1.3**	**3,948,154**	**3,919,028**	**0.7**	**23,205,015 R**	**23,199,232**	**0.0**
GRAND TOTAL	**4,564,602**	**4,461,307**	**2.3**	**26,425,847 R**	**27,145,511**	**-2.7**	**4,463,197**	**4,469,887**	**-0.1**	**26,109,593 R**	**26,512,285**	**-1.5**

(1) = Except phenolic resins which are reported on a gross weight basis.

** = Sales and Captive Use figures include some Canadian produced materials.

(2) = The publishing of PVAC has been suspended.

D = Disclosure

R = Revision

(3) = The publishing of PVOH data has been suspended.

(4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

(6) = Data Includes Sales from Imports.

(7) = 1991 Data Includes Sales from Imports.

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	JUNE			*YEAR-TO-DATE*			*JUNE*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
EPOXY RESIN, TOTAL	40,094	45,334	-11.6	239,196	247,425	-3.3	44,491	39,612	12.3	244,744	254,066	-3.7
Exports, Total	7,229	6,678	8.3	45,555	41,058	11.0						
Captive Use, Total	1,574	1,301	21.0	8,758	8,473	3.4						
Domestic Sales, Total	31,291	37,355	-16.2	184,883	197,894	-6.6						
Domestic Sales & Captive Use,Total	32,865	38,656	-15.0	193,641	206,367	-6.2						
Bonding & Adhesives	2,262	2,712	-16.6	13,028	14,673	-11.2						
Flooring, Paving & Exposed Aggregate	1,991	2,666	-25.3	13,397	14,401	-7.0						
Protective Coatings	16,438	19,851	-17.2	96,419	101,657	-5.2						
Fiber Reinforced Laminates & Composites	6,770	7,466	-9.3	38,342	43,294	-11.4						
FRL&C for Printed Wiring Board	4,197	4,766	-11.9	23,578	28,401	-17.0						
All Other FRL&C	2,573	2,700	-4.7	14,764	14,893	-0.9						
Tooling, Casting & Molded Resins	2,181	2,912	-25.1	12,543	14,061	-10.8						
All Other Uses	3,223	3,049	5.7	19,912	18,281	8.9						
POLYESTER (UNSATURATED) RESINS, TOTAL	92,067	106,955	-13.9	534,622	658,437	-18.8	92,935	107,995	-13.9	533,672	665,118	-19.8
Total Exports	1,676	1,977	-15.2	9,667	11,839	-18.3						
Total Domestic	90,391	104,978	-13.9	524,955	646,598	-18.8						
General Purpose Resins, Total	76,826	90,520	-15.1	446,378	559,058	-20.2						
General Purpose - Thixotropic	26,947	34,848	-22.7	160,391	214,538	-25.2						
General Purpose - Press Molding	10,045	12,230	-17.9	58,615	73,931	-20.7						
General Purpose - Panel	7,003	7,160	-2.2	39,732	44,330	-10.4						
General Purpose - All Other	32,831	36,282	-9.5	187,640	226,259	-17.1						
Flame Retardant Resins	1,634	2,134	-23.4	9,625	12,009	-19.9						
Chemical Resistant Resins, Total	11,931	12,324	-3.2	68,952	75,531	-8.7						
Chemical Resistant Isophthalic Resins	8,429	8,640	-2.4	47,008	53,746	-12.5						
All Other Chemical Resistant Resins	3,502	3,684	-4.9	21,944	21,785	0.7						
Reinforced Plastic, Total	64,444	77,014	-16.3	374,483 R	478,264	-21.7						
Non-Reinforced Plastics, Total	25,947	27,964	-7.2	150,472 R	168,334	-10.6						

R = Revision

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)(1)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	JUNE			*YEAR-TO-DATE*			*JUNE*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
UREA RESINS, TOTAL	123,585	132,672	-6.8	733,023	785,794	-6.7	127,117	130,078	-2.3	736,353	779,662	-5.6
MELAMINE RESINS, TOTAL	14,136	14,905	-5.2	83,880	85,219	-1.6	16,268	18,927	-14.0	102,058	100,321	1.7
UREA & MELAMINE RESINS, TOTAL	137,721	147,577	-6.7	816,903	871,013	-6.2	143,385	149,005	-3.8	838,411	879,983	-4.7
Total Exports	D1	D1		D1	D1							
Total Domestic	137,721	147,577	-6.7	816,903	871,013	-6.2						
Textile Coating & Treating Resins	1,035	2,427	-57.4	9,693	17,207	-43.7	2,347	3,336	-29.6	12,368	23,863	-48.2
Paper Coating & Treating Resins	4,741	5,889	-19.5	27,193	29,513	-7.9	4,955	6,146	-19.4	27,856	30,330	-8.2
Molding Compounds	D2	D2		D2	D2		D2	D2		D2	D2	
Bonding & Adhesive Resins for:	110,966	116,381	-4.7	659,147	689,289	-4.4	114,004	115,165	-1.0	660,996	688,091	-3.9
Laminating	1,017	1,236	-17.7	7,806	10,773	-27.5	1,132	1,362	-16.9	7,913	11,176	-29.2
Plywood	5,350	5,692	-6.0	30,243	29,817	1.4	5,340	5,749	-7.1	30,234	30,214	0.1
Fibrous & Granulated Wood (Particle Board)	104,599	109,453	-4.4	621,098	648,699	-4.3	107,532	108,054	-0.5	622,849	646,701	-3.7
Protective Coatings (Straight & Modified)	8,355	9,041	-7.6	48,103	49,587	-3.0	11,108	13,561	-18.1	71,248	67,385	5.7
All Other Uses	12,624	13,839	-8.8	72,767	85,417	-14.8	10,971	10,797	1.6	65,943	70,314	-6.2
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	233,039	253,639	-8.1	1,290,246	1,515,317	-14.9	234,232	254,247	-7.9	1,287,751	1,513,886	-14.9
Total Exports	1,322	1,845	-28.3	6,866	12,652	-45.7						
Total Domestic	231,717	251,794	-8.0	1,283,380	1,502,665	-14.6						
Molding Compounds	12,649	14,343	-11.8	76,893	87,011	-11.6	14,377	16,143	-10.9	77,879	99,048	-21.4
Bonding & Adhesive Resins for:	215,875	234,578	-8.0	1,186,367	1,396,877	-15.1	216,448	235,383	-8.0	1,188,133	1,395,808	-14.9
Laminating	11,944	14,499	-17.6	71,902	88,326	-18.6	11,681	14,409	-18.9	71,780	88,311	-18.7
Coated & Bonded Abrasives	D3	2,402		D3	14,508		D3	2,571		D3	14,393	
Friction Materials	3,599	4,107	-12.4	20,611	23,652	-12.9	3,195	4,352	-26.6	18,734	24,199	-22.6
Insulation Materials	30,987	35,384	-12.4	183,369	213,703	-14.2	31,238	35,474	-11.9	183,656	213,070	-13.8
Foundry & Shell Molding	7,802	7,781	0.3	40,693	40,069	1.6	7,799	7,740	0.8	40,385	39,498	2.2
Plywood	D3	D3		D3	D3		D3	D3		D3	D3	
Fibrous and Granulated Wood	D3	D3		D3	D3		D3	D3		D3	D3	
Resins Sold to Rubber Industry	D3	D3		D3	D3		D3	D3		D3	D3	
All Other	161,543	170,405	N/C	869,792	1,016,619	N/C	162,535	170,837	N/C	873,578	1,016,337	N/C
Protective Coatings - Unmodified & Modified	D2	D2		D2	D2		D2	D2		D2	D2	
Resins Sold to Rubber Ind. - Non Adhesive Uses	D2	D2		D2	D2		D2	D2		D2	D2	
All Other Uses	3,193	2,873	11.1	20,120	18,777	7.2	3,407	2,721	25.2	21,739	19,030	14.2

(1) = Phenolic is on a Gross Weight Basis.
N/C = Not Comparable.

D1 = Disclosure: Included in Domestic, Total and All Other Uses.
D2 = Disclosure: Included in All Other Uses.
D3 = Disclosure: Included in All Other Bonding & Adhesive Resins.

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(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR-TO-DATE			JUNE			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
LOW DENSITY POLYETHYLENE - 0.940 & BELOW, TOTAL (6)	633,493	560,467	13.0	3,522,543	3,509,911	0.4	578,700	604,384	-4.2	3,578,586	3,662,710	-2.3
Imports, Total							12,649	13,411	-5.7	73,303	83,959	-12.7
Exports, Total	139,104	63,675	118.5	678,111	398,618	70.1						
Domestic, Total	494,389	496,792	-0.5	2,844,432	3,111,293	-8.6	566,051	590,973	-4.2	3,505,283	3,578,751	-2.1
Film (12 Mils & Below)	289,764	286,060	1.3	1,657,941	1,833,335	-9.6						
Packaging Film	194,351	196,357	-1.0	1,129,044	1,250,159	-9.7						
Food Packaging Film	96,646	88,046	9.8	558,072	594,814	-6.2						
Non-Food Packaging Film	76,831	85,267	-9.9	450,629	513,207	-12.2						
Shrink Film	13,134	14,815	-11.3	65,874	79,031	-16.6						
Stretch Film	7,740	8,229	-5.9	54,469	63,107	-13.7						
Non-Packaging Film	95,413	89,703	6.4	528,897	583,176	-9.3						
Carry-Out Bags	12,172	13,226	-8.0	65,906	60,104	9.7						
Trash and Can Liners	31,819	26,994	17.9	161,377	179,251	-10.0						
Other Non-Packaging Film	51,422	49,483	3.9	301,614	343,821	-12.3						
Sheet (Over 12 Mils)	6,899	6,897	0.0	35,159	37,430	-6.1						
Injection Molding	26,284	33,479	-21.5	131,138	188,549	-30.4						
Injection Molded Lids	4,416	7,138	-38.1	25,351	40,624	-37.6						
Injection Molded Housewares	3,485	4,616	-24.5	23,574	24,758	-4.8						
Other Injection Molding	18,383	21,725	-15.4	82,213	123,167	-33.3						
Wire and Cable	15,513	21,828	-28.9	106,335	125,196	-15.1						
Extrusion Coating	65,823	62,009	6.2	412,022	388,264	6.1						
Blow Molding	5,082	5,045	0.7	32,917	31,304	5.2						
Pipe and Conduit, Total	D5	D5		D5	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	6,100	6,827	-10.6	39,327	43,262	-9.1						
Rotomolding	D2	D2		D2	D2							
Resellers & Compounders, Total	56,741	44,722	26.9	311,280	274,813	13.3						
Resellers	38,597	30,502	26.5	213,304	194,444	9.7						
Compounders	18,144	14,220	27.6	97,976	80,369	21.9						
Adhesives and Sealants	9,844	8,548	15.2	64,953	54,292	19.6						
All Other Uses	12,339	21,377	-42.3	53,360	134,848	-60.4						

D2 = Disclosure: Included in All Other Uses.

D5 = Disclosure: Included in Other Extruded Products.

(6) = Sales Include Imports.

D = Disclosure

THE SOCIETY OF THE PLASTICS INDUSTRY
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(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	JUNE			*YEAR-TO-DATE*			*JUNE*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
LINEAR LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	378,750	364,506	3.9	2,241,546	2,269,519	-1.2	340,394	427,207	-20.3	2,368,085	2,263,968	4.6
Imports, Total							48,088	84,885	-43.3	315,954	425,523	-25.7
Exports, Total	47,596	18,450	158.0	247,682	108,920	127.4						
Domestic, Total	331,154	346,056	-4.3	1,993,864	2,160,599	-7.7	292,306	342,322	-14.6	2,052,131	1,838,445	11.6
Film (12 Mils & Below)	220,526	225,478	-2.2	1,293,160	1,409,209	-8.2						
Packaging Film	95,497	95,371	0.1	577,398	612,178	-5.7						
Food Packaging Film	22,088	17,744	24.5	111,183	108,882	2.1						
Non-Food Packaging Film	37,198	52,776	-29.5	220,302	336,482	-34.5						
Shrink Film	D10	D10		D10	D10							
Stretch Film	36,211	24,851	45.7	245,913	166,814	47.4						
Non-Packaging Film	125,029	130,107	-3.9	715,762	797,031	-10.2						
Carry-Out Bags	20,954	18,139	15.5	124,973	121,097	3.2						
Trash and Can Liners	78,489	86,636	-9.4	480,669	521,605	-7.8						
Other Non-Packaging Film	25,586	25,332	1.0	110,120	154,329	-28.6						
Sheet (Over 12 Mils)	796	3,909	-79.6	26,364	24,197	9.0						
Injection Molding	37,777	43,922	-14.0	259,409	250,444	3.6						
Injection Molded Lids	10,036	13,115	-23.5	79,529	89,226	-10.9						
Injection Molded Housewares	21,194	21,046	0.7	138,957	104,314	33.2						
Other Injection Molding	6,547	9,761	-32.9	40,923	56,904	-28.1						
Wire and Cable	8,237	11,693	-29.6	57,463	75,439	-23.8						
Extrusion Coating	D5	D5		D5	D5							
Blow Molding	643	3,157	-79.6	5,698	15,853	-64.1						
Pipe and Conduit, Total	3,323	5,436	-38.9	20,310	31,422	-35.4						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	2,888	2,409	19.9	18,804	16,507	13.9						
Rotomolding	16,044	21,796	-26.4	99,834	157,767	-36.7						
Resellers & Compounders, Total	31,634	17,693	78.8	158,852	117,391	35.3						
Resellers	24,721	8,292	198.1	108,913	58,117	87.4						
Compounders	6,913	9,401	-26.5	49,939	59,274	-15.7						
Adhesives and Sealants	D2	D2		D2	D2							
All Other Uses	9,286	10,563	-12.1	53,970	62,370	-13.5						

D2 = Disclosure: Included in All Other Uses.

D5 = Disclosure: Included in Other Extruded Products.

D10 = Disclosure: Shrink Film is Included in Stretch Film.

(6) = Sales Include Imports.

D = Disclosure

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RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR-TO-DATE			JUNE			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
HIGH DENSITY POLYETHYLENE – ABOVE 0.940. TOTAL (6)	742,374	696,560	6.6	4,361,250	4,175,671	4.4	807,649	703,818	14.8	4,564,206	4,164,652	9.6
Imports, Total							31,412	37,241	–15.7	158,162	177,911	–11.1
Exports, Total	77,456	55,849	38.7	461,256	330,282	39.7						
Domestic, Total	664,918	640,711	3.8	3,899,994	3,845,389	1.4	776,237	666,577	16.5	4,406,044	3,986,741	10.5
Film (12 Mils & Below)	76,315	66,619	14.6	450,266	435,495	3.4						
Packaging Film	16,044	17,589	–8.8	101,188	124,965	–19.0						
Food Packaging Film	11,489	12,818	–10.4	71,908	84,136	–14.5						
Non–Food Packaging Film	4,555	4,771	–4.5	29,280	40,829	–28.3						
Non–Packaging Film	60,271	49,030	22.9	349,078	310,530	12.4						
Retail Bags	50,844	37,057	37.2	289,699	241,433	20.0						
Grocery Sacks & T–Shirt Bags	26,418	20,520	28.7	140,204	127,332	10.1						
All Other Retail Bags	24,426	5,633	N/C	149,495	33,643	N/C						
Trash Bags/Can Liners	D9	10,904		D9	80,458							
All Other Non–Packaging Film	9,427	11,973	–21.3	59,379	69,097	–14.1						
Sheet (Over 12 Mils)	25,661	31,408	–18.3	150,484	190,734	–21.1						
Injection Molding, Total	138,126	132,794	4.0	812,767	769,947	5.6						
Pails (5 gallons or less)	39,538	38,811	1.9	244,295	227,243	7.5						
Housewares	12,647	7,243	74.6	60,529	49,544	22.2						
Food Tubs/Containers & Drink Cups	24,517	25,768	–4.9	149,553	152,029	–1.6						
Crates and Totes	18,311	20,247	–9.6	116,817	106,022	10.2						
Toys/Novelties/Sporting Goods	5,974	4,890	22.2	35,102	31,544	11.3						
Caps and Closures	7,997	8,309	–3.8	49,003	54,083	–9.4						
All Other Injection Molding	29,142	27,526	5.9	157,468	149,482	5.3						
Wire and Cable	11,165	14,822	–24.7	69,485	88,413	–21.4						
Blow Molding, Total	250,747	235,684	6.4	1,437,660	1,440,455	–0.2						
Motor Oil Bottles	16,189	19,454	–16.8	94,471	112,469	–16.0						
Liquid Food Bottles	78,760	80,317	–1.9	477,254	480,593	–0.7						
Household Chemical Bottles	82,060	73,264	12.0	436,055	440,783	–1.1						
Industrial Drums	19,087	12,219	56.2	97,920	77,934	25.6						
Gas Tanks, All Uses	3,181	2,483	28.1	17,668	16,186	9.2						
Pharm., Cosmetics, & Toiletries	17,305	17,173	0.8	105,917	112,756	–6.1						
All Other Blow Molding	34,165	30,774	11.0	208,375	199,734	4.3						
Pipe and Conduit, Total	51,186	50,785	0.8	284,856	306,207	–7.0						
Corrugated	11,277	9,497	18.7	51,771	55,192	–6.2						
Non–Corrugated	39,909	41,288	–3.3	233,085	251,015	–7.1						
Gas Distribution	14,168	17,967	–21.1	88,246	94,673	–6.8						
Water	7,505	D11		49,379	D11							
Industrial/Sewer	15,048	D11		81,230	D11							
All Other Non–Corrugated Pipe	3,188	23,321	N/C	14,230	156,342	N/C						
Other Extruded Products	6,991	7,848	–10.9	53,746	43,973	22.2						
Rotomolding	6,341	8,704	–27.1	51,894	39,498	31.4						
Reseller & Compounders, Total	70,948	65,101	9.0	441,966	382,026	15.7						
Resellers	66,756	59,377	12.4	415,447	356,878	16.4						
Compounders	4,192	5,724	–26.8	26,519	25,148	5.5						
All Other HDPE	27,438	26,946	1.8	146,870	148,641	–1.2						

D9 = Disclosure: Included in All Other Retail Bags.
D11 = Disclosure: Included in All Other Non–Corrugated Pipe.

(6) = Sales Include Imports.

N/C = Not Comparable.

Compiled By Ernst & Young, Washington DC, for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT

(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR-TO-DATE			JUNE			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
POLYPROPYLENE, TOTAL (7)	657,157	652,137	0.8	4,043,287	4,055,859	-0.3	696,478	N/A		4,090,035	N/A	
Imports, Total							3,524	N/A		16,671	N/A	
Exports, Total	131,747	118,549	11.1	805,760	754,543	6.8						
Domestic, Total	525,410	533,588	-1.5	3,237,527	3,301,316	-1.9	692,954	693,536	-0.1	4,073,364	4,161,289	-2.1
Injection Molding, Total	152,695	155,786	-2.0	954,811	979,626	-2.5						
Appliances	12,197	13,096	-6.9	81,496	91,175	-10.6						
Consumer Products	51,005	52,597	-3.0	336,783	319,074	5.6						
Rigid Packaging	52,652	51,591	2.1	328,817	333,586	-1.4						
Transportation	22,090	24,654	-10.4	118,752	147,721	-19.6						
All Other Injection Molding	14,751	13,848	6.5	88,963	88,070	1.0						
Blow Molding	11,184	11,848	-5.6	74,370	72,375	2.8						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below), Total	51,708	49,449	4.6	332,636	292,983	13.5						
Oriented Film	40,269	39,732	1.4	255,186	234,560	8.8						
Non-Oriented Film	11,439	9,717	17.7	77,450	58,423	32.6						
Sheet (Over 10 Mils), Total	9,010	10,845	-16.9	61,782	70,221	-12.0						
Packaging	4,416	D		34,873	D							
Non-Packaging	4,594	D		26,909	D							
Extrusion Coating	1,379	1,773	-22.2	10,475	10,006	4.7						
Wire and Cable	D5	D5		D5	D5							
Fiber and Filaments, Total	148,604	162,400	-8.5	968,374	1,045,346	-7.4						
Textile Applications	138,825	156,134	-11.1	913,993	983,223	-7.0						
Nonwovens	43,361	43,811	-1.0	287,485	299,772	-4.1						
Monofilament & Multifilament Fibers	60,911	58,766	3.7	344,680	356,399	-3.3						
Slit Film Fibers	34,553	53,557	-35.5	281,828	327,052	-13.8						
Non-Textile Monofilaments	9,779	6,266	56.1	54,381	62,123	-12.5						
Pipe and Conduit	D5	D5		D5	D5							
Other Extruded Products	5,711	11,254	-49.3	38,214	61,899	-38.3						
Resellers/Distributors/Compounders, Total	139,714	127,434	9.6	762,652	741,730	2.8						
Resellers	57,247	46,147	24.1	306,939	284,381	7.9						
Distributors	26,435	36,573	-27.7	166,375	184,517	-9.8						
Compounders	56,032	44,714	25.3	289,338	272,832	6.0						
All Other Uses	5,405	2,799	93.1	34,213	27,130	26.1						

D5 = Disclosure: Included in Other Extruded Products.
(7) = Sales for 1991 Include Imports.

N/A = Not Available
D = Disclosure

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	JUNE			*YEAR-TO-DATE*			*JUNE*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
POLYSTYRENE RESINS, TOTAL	405,265	420,982	-3.7	2,348,691	2,573,635	-8.7	393,193	424,697	-7.4	2,341,852	2,500,049	-6.3
Crystal (Solid) Polystyrene	163,627	230,401	N/C	937,189	1,380,748	N/C	139,135	162,716	-14.5	910,437	987,860	-7.8
Rubber Modified Polystyrene	183,658	190,581	-3.6	1,088,754	1,192,887	-8.7	197,257	208,115	-5.2	1,118,352	1,152,672	-3.0
Expandable Polystyrene	57,980	D13		322,748	D13		56,801	53,866	5.4	313,063	359,517	-12.9
Exports, Total	19,860	17,029	16.6	117,789	82.107	43.5						
Crystal (Solid) Polystyrene	5,383	10,187	N/C	38,668	45,353	N/C						
Rubber Modified Polystyrene	8,663	6,842	26.6	45,729	36,754	24.4						
Expandable Polystyrene	5,814	D13		33,392	D13							
Domestic, Total	385,405	403,953	-4.6	2,230,902	2,491,528	-10.5						
Molding	137,499	137,835	-0.2	784,019	857,948	-8.6						
Extrusion	185,213	195,885	-5.4	1,083,872	1,218,681	-11.1						
Expandable Polystyrene	52,166	57,399	-9.1	289,356	340,044	-14.9						
Block	21,770	24,343	-10.6	109,495	125,620	-12.8						
Shape	10,946	11,853	-7.7	64,398	76,839	-16.2						
Loose Fill	D6	D6		D6	D6							
Other EPS	19,450	21,203	-8.3	115,463	137,585	-16.1						
All Other Uses	10,527	12,834	-18.0	73,655	74,855	-1.6						
Polystyrene End-Uses, Total	385,405	403,953	-4.6	2,230,902	2,491,528	-10.5						
Packaging & One Time Use	153,983	163,439	-5.8	865,395 R	988,466	-12.5						
Consumer & Institutional Products	41,035	41,543	-1.2	252,951 R	277,025	-8.7						
Electrical/Electronics	55,436	55,080	0.6	324,223 R	341,070	-4.9						
Furniture,Furnishings,Bldg. & Construction	20,002	22,354	-10.5	119,036 R	140,958	-15.6						
Expandable Polystyrene	52,166	57,399	-9.1	289,356	340,044	-14.9						
Resellers and Compounders	54,471	51,641	5.5	323,231 R	319,082	1.3						
All Other End-Uses	8,312	12,497	-33.5	56,710 R	84,883	-33.2						

R = Revision

D6 = Disclosure: Included in Other EPS

N/C - Not Comparable

D13 = Disclosure: Included in Crystal (Solid) Polystyrene

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	JUNE			*YEAR-TO-DATE*			*JUNE*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
ABS (ACRYLONITRILE–BUTADIENE–STYRENE), TOTAL	92,951	96,419	-3.6	531,835	592,158	-10.2	85,347	97,764	-12.7	487,229	578,339	-15.8
SAN (STYRENE–ACRYLONITRILE), TOTAL	9,930	11,322	-12.3	57,440	67,086	-14.4	8,982	10,750	-16.4	54,417	64,105	-15.1
Total Exports	3,008	5,081	-40.8	17,911	24,866	-28.0						
Total Domestic	6,922	6,241	10.9	39,529	42,220	-6.4						
OTHER STYRENICS (40% OR MORE STYRENE), TOTAL	12,814	12,519	2.4	75,142	79,681	-5.7	9,669	12,368	-21.8	63,262	74,217	-14.8
ABS, SAN, & OTHER STYRENICS, TOTAL	115,695	120,260	-3.8	664,417	738,925	-10.1	103,998	120,882	-14.0	604,908	716,661	-15.6
Total Exports	16,610	21,534	-22.9	109,848	113,139	-2.9						
Total Domestic	99,085	98,726	0.4	554,569	625,786	-11.4						
Electrical/Electronics	D2	D2		D2	D2							
Building & Construction	9,671	10,485	-7.8	49,689	77,674	-36.0						
Transportation	31,127	30,888	0.8	161,106	195,819	-17.7						
Consumer & Institutional	10,663	12,996	-18.0	69,838	81,647	-14.5						
All Other Uses	47,624	44,357	7.4	273,936	270,646	1.2						
*STYRENE BASED LATEXES, TOTAL**	91,647	95,995	-4.5	532,861 R	557,616	-4.4	88,835	88,070	0.9	502,788 R	522,938	-3.9
Carpet Backing	35,336	35,928	-1.6	197,843 R	209,024	-5.3						
All Other Uses	56,311	60,067	-6.3	335,018 R	348,592	-3.9						
NYLON RESINS, TOTAL(6)	56,718	50,484	12.3	310,542	286,179	8.5	N/A	N/A		N/A	N/A	
Imports, Total							N/A	N/A		N/A	N/A	
Exports, Total	7,993	8,073	-1.0	45,187 R	36,476	23.9						
Domestic, Total **	48,725	42,411	14.9	265,355 R	249,703	6.3	47,244	50,570	-6.6	275,973	288,957	-4.5
Injection Molding Grade	29,720	25,873	14.9	160,154	146,887	9.0						
Extrusion Grade	14,402	12,699	13.4	80,732 R	78,547	2.8						
Resellers & Compounders	2,866	2,520	13.7	17,877	19,347	-7.6						
All Other Uses	1,737	1,319	31.7	6,592	4,922	33.9						
Nylon End-Uses, Total	48,725	42,411	14.9	265,355 R	249,703	6.3						
Automotive and Truck	18,115	15,156	19.5	93,228	83,471	11.7						
Electrical and Electronic	5,277	5,076	4.0	29,034	30,557	-5.0						
Appliances	1,623	1,342	20.9	8,873	7,019	26.4						
Film and Coating	5,814	6,991	-16.8	37,313 R	37,780	-1.2						
Wire and Cable	2,428	2,234	8.7	16,270	17,285	-5.9						
Monofilament	2,150	1,979	8.6	11,571	11,241	2.9						
Consumer	3,237	1,973	64.1	13,575	10,249	32.5						
Industrial/Machinery	3,966	3,595	10.3	22,581	22,367	1.0						
All Other End-Uses	6,115	4,065	50.4	32,910	29,734	10.7						

*** – Styrene Based Latexes Sales include some Canadian produced material.**
**** – 1991 Domestic Sales Include Sales to Canada.**
D2 = Disclosure: Included in All Other Uses.
R = Revision

R = Revision
N/A = Not Available.
(6) – Includes sales from imports.

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	JUNE			*YEAR-TO-DATE*			*JUNE*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (DRY RESIN CONTENT)	792,606	764,447	3.7	4,425,165	4,640,729	-4.6	791,193	761,797	3.9	4,348,245	4,567,905	-4.8
Homopolymer Resins, Including Blending & Latex	729,126	703,791	3.6	4,081,841	4,284,360	-4.7	726,386	704,417	3.1	3,974,126	4,196,770	-5.3
Copolymer Resins, Including Blending & Latex	16,784	16,675	0.7	89,101	109,250	-18.4	19,624	15,592	25.9	114,838	108,298	6.0
Dispersion Resins	46,696	43,981	6.2	254,223	247,119	2.9	45,183	41,788	8.1	259,281	262,837	-1.4
Exports, Total	136,321	71,681	90.2	773,839	468,889	65.0						
Domestic, Total	656,285	692,766	-5.3	3,651,326	4,171,840	-12.5						
Calendering, Total	85,762	86,104	-0.4	491,421	510,773	-3.8						
Flooring	17,862	18,701	-4.5	100,597	116,147	-13.4						
Textile	8,090	8,170	-1.0	50,842	55,786	-8.9						
All Other Calendering Uses	59,810	59,233	1.0	339,982	338,840	0.3						
Coating, Total	27,367	29,430	-7.0	154,968	170,389	-9.1						
Flooring	13,803	12,887	7.1	74,903	74,115	1.1						
Textile and Paper Coating	7,986	8,505	-6.1	46,119	47,707	-3.3						
Protective Coatings	3,665	4,561	-19.6	20,400	25,144	-18.9						
Adhesives & All Other Coating Uses	1,913	3,477	-45.0	13,546	23,423	-42.2						
Extrusion, Total	454,045	477,032	-4.8	2,468,824	2,841,952	-13.1						
Wire and Cable	26,837	26,426	1.6	168,746	196,213	-14.0						
Film and Sheet, Packaging	23,585	24,584	-4.1	137,866	163,611	-15.7						
Film and Sheet, Non-Packaging	4,556	4,413	3.2	24,627	22,761	8.2						
Siding, Siding Acc. & Mobile Home Skirting	85,360	73,010	16.9	398,346	426,000	-6.5						
Rigid Pipe and Tubing (except fittings)	264,745	300,404	-11.9	1,468,908	1,736,656	-15.4						
Extruded Windows and Doors	8,970	N/A		50,962	N/A							
All Other Extrusion Uses	39,992	48,195	N/C	219,369	296,711	N/C						
Molding, Total	36,052	40,962	-12.0	228,616	264,591	-13.6						
Bottles	13,581	20,815	-34.8	97,195	115,651	-16.0						
Fittings (Rigid Pipe and Tubing)	17,170	11,140	54.1	95,579	82,291	16.1						
All Other Molding Uses	5,301	9,007	-41.1	35,842	66,649	-46.2						
Paste Processes (except coating), Total	16,251	17,702	-8.2	92,504	94,201	-1.8						
Plastisol Formulation	8,821	10,410	-15.3	51,680	51,017	1.3						
All Other Paste Process Uses	7,430	7,292	1.9	40,824	43,184	-5.5						
Resellers & Compounders	30,261	26,326	14.9	185,217	189,317	-2.2						
All Other Uses	6,547	15,210	-57.0	29,776	100,617	-70.4						

N/A – Not Available

N/C = Not Comparable

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	JUNE			*YEAR-TO-DATE*			*JUNE*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)												
Exports, Total												
Domestic, Total												
Emulsion Paints												
Adhesives, Caulks and Sealants												
Paper Treating & Paper Coating												
Textile Treating												
Non-Woven Binders												
All Other Uses												
POLYVINYL ALCOHOL, TOTAL (3)												
Exports, Total												
Domestic, Total												
OTHER VINYL RESINS, TOTAL (4)	17,132	15,210	12.6	90,702	98,410	-7.8	16,502	15,089	9.4	94,622	112,238	-15.7
Exports, Total	7,824	5,041	55.2	41,943	35,425	18.4						
Domestic, Total	[illegible]308	10,169	-8.5	48,759	62,985	-22.6						
THERMOPLASTIC POLYESTER, TOTAL (6)	170,844	166,754	2.5	1,003,876 R	946,865	6.0	179,641	164,515	9.2	999,805 R	925,258	8.1
Exports, Total	37,447	36,268	3.3	254,182 R	183,776	38.3						
PET Bottle Grade Resin, Exports	D	D		D	D							
All Other Exports	D	D		D	D							
Domestic, Total	133,397	130,486	2.2	749,694 R	763,089	-1.8						
Domestic PET	N.R.	N.R.		N.R.	N.R.							
Solid State Phase Resin	D12	D12		D12	D12							
PET Bottle Grades	91,502	100,890	-9.3	521,666 R	538,135	-3.1						
PET/PBT Resellers & Compounders	N.R.4	N.R.4		N.R.4	N.R.4							
All Other Thermoplastic Polyester	41,895	29,596	41.6	228,028 R	224,954	1.4						

(2) – The publishing of PVAC data has been suspended.

(3) – The publishing of PVOH data has been suspended.

(4) – Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

D12 = Disclosure: Included in All Other Thermoplastic Polyester.

N.R.4 = Not Reported: Included in All Other Thermoplastic Polyester.

R = Revision

N.R. = Not Reported

D = Disclosure

(6) – Includes sales from imports.

SPI SECTION I CRS

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

JUNE 1991

THERMOSETTING & THERMOPLASTIC RESINS

RESIN CODING CLASSIFICATIONS

EPOXY (UNMODIFIED RESINS)	EPOXY
POLYESTER (UNSATURATED) RESINS	PY
UREA RESINS	UREA
MELAMINE RESINS	MELA
PHENOLIC & OTHER TAR ACID RESINS	PHEN
LOW DENSITY POLYETHYLENE 0.940 & BELOW	LDPE
LINEAR LOW DENSITY POLYETHYLENE 0.940 & BELOW	LLDPE
HIGH DENSITY POLYETHYLENE ABOVE 0.940	HDPE
POLYPROPYLENE POLYMERS & COPOLYMERS	PP
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS	ABS
STYRENE-ACRYLONITRILE (SAN)	SAN
POLYSTYRENE RESINS	PS
STYRENE BASED LATEXES - carboxylated, 45% styrene content and over	SBL
OTHER STYRENICS - over 40% styrene	OSBP
NYLON RESINS	NYLON
POLYVINYL CHORIDE & COPOLYERS (DRY RESIN CONTENT)	PVC
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE	PVAC
POLYVINYL ALCOHOL	PVOH
OTHER VINYL RESINS	OTHER VINYL
THERMOPLASTIC POLYESTER	TPY

REPORTING CLASSIFICATIONS

CATEGORY	CODE
Production	P
Imports	I
Domestic Sales & Captive Use	D
Export Sales	E

Above Legends Refer to the Following List of Reporting Companies by Resin Category.

MONTHLY STATISTICAL REPORT

JUNE 1991

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	LLDPE	HDPE	PP	ABS	SAN	PS	SBL	OSBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
A & E PLASTICS												PDE								
ALLIED CHEMICAL COMPANY															PDE					PDE
ALLIED–BENDIX CORPORATION					PD															
ALPHA CHEMICAL CORPORATION		PD																		
AMERICAN CYANAMID COMPANY			PD	PD																
AMETEK, HAVEG DIVISION					PD															
AMOCO CHEMICAL CORPORATION									PDE			PDE								
ANDERSON DEVELOPMENT COMPANY														PD						
ARCO CHEMICAL CORPORATION												PDE		PD						
ARISTECH CHEMICAL COMPANY		PDE							PDE											
ASHLAND CHEMICAL COMPANY		PDE			PD															
ATOCHEM															PDE					
BASF CORPORATION										PD	PD	PDE	PD	PD	PDE					PDE
BELDING CHEMICAL INDUSTRIES															PDE					
BORDEN CHEMICAL COMPANY			PD	PD	PD											PDE				
BTL CORPORATION			PD	PD	PD															

Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

MONTHLY STATISTICAL REPORT

JUNE 1991

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	LLDPE	HDPE	PP	ABS	SAN	PS	SBL	OSBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
CERTAINTEED PRODUCTS CORPORATION																PD				
CHEVRON CHEMICAL CORPORATION						PDE		PDE				PDE								
CIBA-GEIGY CORPORATION	PDE																			
CUSTOM RESINS, INC.															PDE					
DART CONTAINER												PD								
DOW CHEMICAL USA	PDE	PDE				PDEI	PDEI	PDEI		PD	PDE	PDE	PD	PD					PDE	
DUPONT CANADA							DI													
E. I. DUPONT DE NEMOURS & COMPANY						PDEI									PDE				PDE	PDE
EASTMAN CHEMICAL COMPANY						PDE			PDE											PDE
EMS-AMERICAN GRILON, INC.															PDE					
ESSO CHEMICAL CORPORATION							DI	DI												
EXXON CHEMICAL AMERICAS						PDEI	PDEI	PDEI	PDEI											
FINA OIL & CHEMICAL CORPORATION									PDE			PDE								
FIRESTONE SYNTHETIC RUBBER & LATEX														PD						
FORMOSA PLASTICS CORPORATION																PD				
FREEMAN CHEMICAL CORPORATION		PD																		
GENCORP													PD							

Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

MONTHLY STATISTICAL REPORT

JUNE 1991

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	LLDPE	HDPE	PP	ABS	SAN	PS	SBL	OSBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
GENERAL ELECTRIC PLASTICS COMPANY										PD	PDE			PD						PDE
GENESIS POLYMERS									PDE											
GEORGIA-GULF CORPORATION																PDE				
GEORGIA-PACIFIC CORPORATION			PD	PD	PDE															
GLIDDEN COATINGS & RESINS		PD																		
B. F. GOODRICH CHEMICAL COMPANY											PDE					PDE				
GOODYEAR CHEMICAL DIVISION													PD	PD		PDE				PDE
W. R. GRACE & COMPANY										PD									PD	
HARBORCHEM, INC.			PD	PD																
HIMONT USA, INC.								PDE	PDEI											
HOECHST-CELANESE				PD	PDE			PDEI							PDE					PDE
HUNTSMAN CHEMICAL CORPORATION									PDE			PDE		PD						
ICI AMERICAS, INC.																				PD
INTERPLASTICS CORPORATION		PD																		
IRONSIDES COMPANY					PD															
KEYSOR-CENTURY CORPORATION																PDE				
LYONDELL						PDE			PDE											
MASONITE CORPORATION					PD															

Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

MONTHLY STATISTICAL REPORT

JUNE 1991

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	LLDPE	HDPE	PP	ABS	SAN	PS	SBL	OSBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
MOBAY CORPORATION															PD					
MOBIL CHEMICAL COMPANY						PDEI	PDEI	PDE				PDE								
MONSANTO COMPANY			PD	PD						PD	PDE			PD	PDE				PDE	
MORTON INDUSTRIES													PD	PD					PDE	
NESTE CHEMICALS			PD	PD	PD															
NOVACOR CHEMICALS						DI	DI	DI				PDE								
NYLON CORPORATION OF AMERICA															PD					
OXYCHEM			PD		PDE			PDE								PDE				
OWENS-CORNING FIBERGLASS		PDE		PD	PD															
PACIFIC WESTERN RESINS																PDE				
PAXON CHEMICAL								PDE												
PHILLIPS 66 COMPANY							D	DEI	PDE											
PLASLOK CORPORATION					PD															
PLASTICS ENGINEERING COMPANY					PDE															
QUANTUM CHEMICAL COMPANY						PDE	PDE	PDE	PDE											
REICHHOLD CHEMICALS, INC.	PDE	PDE											PD							
REXENE CORPORATION						PDE			PDE											
RHONE POULENC	PDE		PD	PD									PD							

Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

MONTHLY STATISTICAL REPORT

JUNE 1991

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	LLDPE	HDPE	PP	ABS	SAN	PS	SBL	OSBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
ROGERS CORPORATION					PDE															
ROHM AND HAAS COMPANY														D					PDE	
SCOTT POLYMERS												PDE								
SHAKESPEARE COMPANY															PDE					
SHELL CHEMICAL COMPANY	PDE								PDEI											
SHINTECH, INC.																PDE				
SILMAR		PDE																		
SOLVAY POLYMERS							PDE	PDE	PDE											
SPURLOCK ADHESIVES, INC.			PD																	
TRI NOVA CORPORATION		PD	PD	PD	PD															
UNION CARBIDE CORPORATION	DE					PDEI	PDEI	PDE												
UNION CHEMICAL													PD						PD	
VALITE DIV. OF VALENTINE SUGARS, INC.					PD															
VISTA CHEMICAL COMPANY																PDE				
VYGEN CORPORATION																PDE				
WELLMAN, INC.															PDE					
WEST LAKE POLYMERS						PDE														
TOTAL	6	11	11	11	17	12	10	14	14	5	5	12	8	11	13	12	N/A	N/A	7	8

N/A - Not Applicable

Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

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The Society of the
Plastics Industry, Inc.

MonthlyStatisticalReport-Resins

SPI

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

May 31, 1991

DATA FOR CALCULATING APPARENT CONSUMPTION OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: August 14, 1991

THE SOCIETY OF THE PLASTICS INDUSTRY, INC. CRS

MONTHLY STATISTICAL REPORT

(Millions of pounds, dry weight basis)(1) MAY 1991

RESIN KIND	MAY				YEAR-TO-DATE			
	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*
EPOXY RESIN, TOTAL	43.5	31.1	1.5	6.5	200.3	153.6	6.9	38.3
POLYESTER (UNSATURATED) RESINS, TOTAL	96.8	95.7	1.1	8.1	440.7	434.6	4.1	40.1
UREA RESINS, TOTAL **	120.2	120.7	1.5	2.2	609.2	609.4	8.1	9.3
MELAMINE RESINS, TOTAL **	22.2	14.1	0.7	2.4	85.8 R	69.7	2.8	9.7
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	210.5	212.7	3.0	8.6	1,053.5	1,051.7	14.7	33.5
THERMOSETTING RESINS, TOTAL	493.2	474.3	7.8	27.8	2,389.5 R	2,319.0	36.6	130.9
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	585.6	495.6	19.5	86.0	2,939.2 R	2,350.0	69.3	434.9
LINEAR LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	381.4	358.7	58.6	52.8	1,759.8	1,662.7	282.4	271.0
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL (6)	780.5	711.9	46.1	96.2	3,629.8	3,235.1	191.4	543.0
POLYPROPYLENE, TOTAL (6)	666.4	581.4	9.7	179.7	3,380.4	2,712.1	33.4	864.2
ABS RESINS, TOTAL ** (ACRYLONITRILE-BUTADIENE-STYRENE)	72.0	96.1	8.7	15.8	401.9 R	438.9 R	32.7	79.6
SAN (STYRENE-ACRYLONITRILE) RESINS, TOTAL	12.4	7.9	0.5	8.3	45.4	32.6 R	1.7	36.5
OTHER STYRENICS **	93.1	109.6	0.2	23.0	465.8 R	505.7 R	1.5	91.4
POLYSTYRENE RESINS, TOTAL	402.5	395.3	3.2	37.3	1,948.7	1,845.5	16.0	146.8
NYLON RESINS, TOTAL (6)	46.6	47.4	4.4	13.8	228.7 R	216.2 R	26.5	69.9
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	770.6	670.1	7.5	126.1	3,557.1	2,995.0	32.5	610.0
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (4)								
POLYVINYL ALCOHOL, TOTAL (4)								
OTHER VINYL RESINS	17.9	7.5	N/A	N/A	78.1 R	39.5 R	N/A	N/A
THERMOPLASTIC POLYESTER, TOTAL (6)	175.0	137.7	6.6	49.0	815.8	620.0	38.1	244.0
THERMOPLASTIC RESINS, TOTAL	4,004.0	3,619.2	165.0	688.0	19,250.7 R	16,653.3 R	725.5	3,391.3
GRAND TOTAL	4,497.2	4,093.5	172.8	715.8	21,640.2 R	18,972.3 R	762.1	3,522.2

(1) = Except phenolic resins which are reported on a gross weight basis.

(4) = The publishing of PVOH and PVAC data is temporarily suspended.

* Except for Epoxy Resin, Bureau of Census exports will differ from exports published in the SPI Monthly Statistical Report.

** = Domestic Sales include Exports.

(6) = Data includes Sales from Imports.

Monthly and Year-To-Date totals may not agree due to government revisions and rounding.

N/A = Not Available

R = Revision

Sources:
Sales and Production – SPI Monthly Statistical Report
Imports – Bureau of the Census (IM 146)
Exports – Bureau of the Census (EM 545)

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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The Society of the
Plastics Industry, Inc.

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED
July 31, 1991

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING & THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

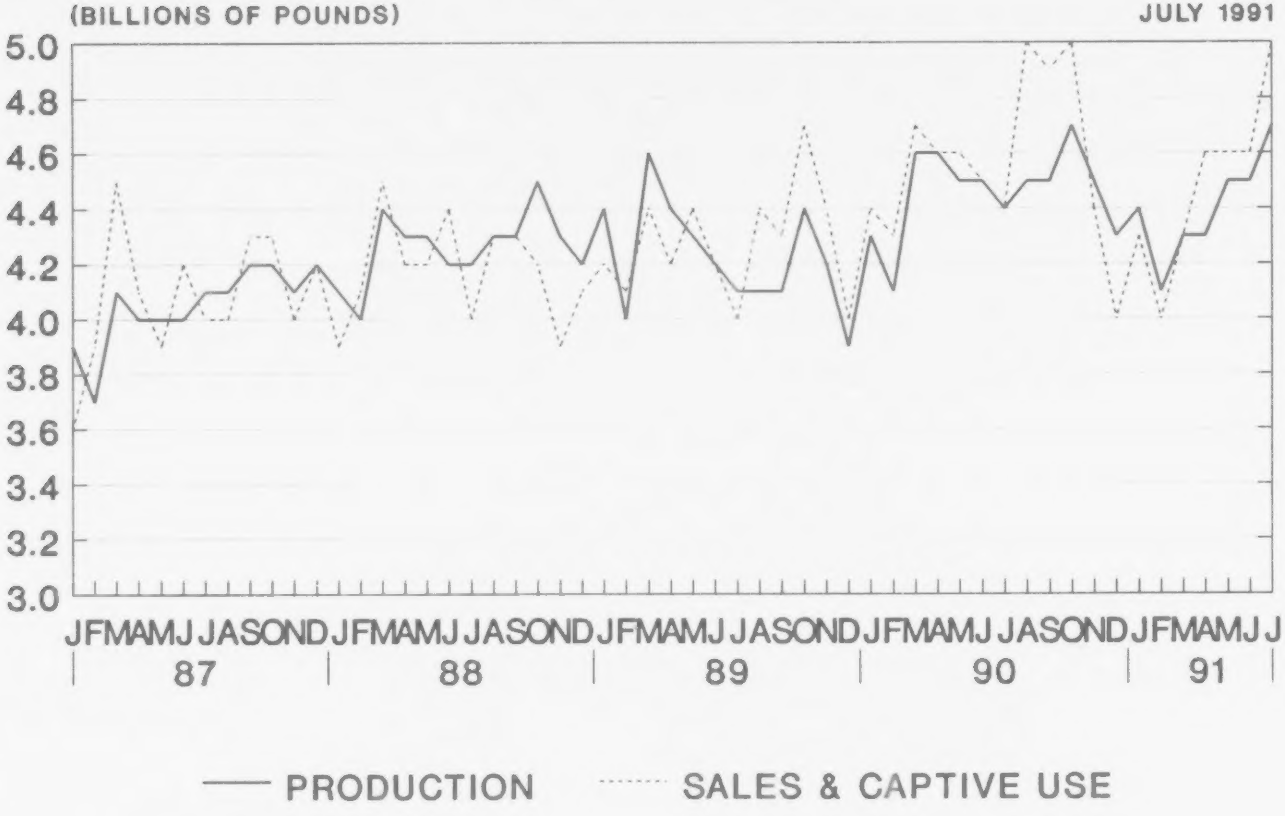
AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: September 16, 1991

THE SOCIETY OF THE PLASTICS INDUSTRY
PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS



THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

MONTHLY STATISTICAL REPORT

(Thousands of pounds, dry weight basis)(1)

JULY 1991

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	JULY			*YEAR-TO-DATE*			*JULY*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
EPOXY RESIN, TOTAL	38,787	39,202	-1.1	277,983	286,627	-3.0	51,473	45,340	13.5	296,217	299,406	-1.1
POLYESTER (UNSATURATED) RESINS, TOTAL	91,664	97,341	-5.8	626,286	755,778	-17.1	92,145	99,682	-7.6	625,817	764,800	-18.2
UREA RESINS, TOTAL	121,796	119,801	1.7	859,808 R	905,595	-5.1	121,965	121,264	0.6	858,318	900,926	-4.7
MELAMINE RESINS, TOTAL	15,328	14,887	3.0	99,323 R	100,106	-0.8	15,433	16,099	-4.1	117,491	116,420	0.9
PHENOLIC & OTHER TAR ACID RESINS, TOTAL (E)	247,781	253,775	-2.4	1,538,027	1,769,092	-13.1	243,253	252,944	-3.8	1,531,004	1,766,830	-13.3
THERMOSETTING RESINS, TOTAL	515,356	525,006	-1.8	3,401,427 R	3,817,198	-10.9	524,269	535,329	-2.1	3,428,847	3,848,382	-10.9
LOW-DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	686,352	563,787	21.7	4,229,790 R	4,073,698	3.8	614,776	622,249	-1.2	4,139,469 R	4,201,000	-1.5
LINEAR-LOW DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	460,870	363,366	26.8	2,720,371 R	2,632,885	3.3	340,315	303,743	12.0	2,396,454 R	2,142,188	11.9
HIGH-DENSITY POLYETHYLENE (ABOVE 0.940), TOTAL (6)	839,171	728,316	15.2	5,181,401 R	4,903,967	5.7	788,946	715,451	10.3	5,197,522 R	4,702,192	10.5
POLYPROPYLENE, TOTAL (7)	744,916	635,973	17.1	4,788,203	4,691,832	2.1	726,214	660,833	9.9	4,799,750 R	4,822,122	-0.5
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	93,768	102,773	-8.8	626,403 R	694,931	-9.9	107,625	108,569	-0.9	595,754 R	686,928	-13.3
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	10,399	10,324	0.7	68,139 R	77,410	-12.0	8,639	11,400	-24.2	62,556 R	75,505	-17.1
POLYSTYRENE RESINS, TOTAL	454,775	430,180	5.7	2,817,727 R	3,003,815	-6.2	467,139	435,812	7.2	2,807,570 R	2,935,861	-4.4
STYRENE BASED LATEXES, TOTAL **	93,825	84,357	11.2	626,906 R	641,973	-2.3	86,527	83,762	3.3	589,315	606,700	-2.9
OTHER STYRENICS, TOTAL (40% or More Styrene)	13,071	11,057	18.2	88,117 R	90,738	-2.9	13,096	10,517	24.5	76,364 R	84,734	-9.9
NYLON RESINS (6)	55,757	45,043	23.8	366,299	331,222	10.6	46,672	49,381	-5.5	322,645	338,338	-4.6
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	847,040	690,910	22.6	5,272,205	5,331,639	-1.1	804,414	710,434	13.2	5,152,659	5,278,339	-2.4
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)	N/A	N/A		N/A	N/A		N/A	N/A		N/A	N/A	
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
OTHER VINYL RESINS (4)	13,092	13,444	-2.6	103,794	111,854	-7.2	11,638	13,914	-16.4	106,260	126,152	-15.8
THERMOPLASTIC POLYESTER, TOTAL (6)	186,267	150,753	23.6	1,190,143	1,097,618	8.4	170,033	153,661	10.7	1,169,838	1,078,919	8.4
THERMOPLASTIC RESINS, TOTAL	4,499,303	3,830,283	17.5	28,079,498 R	27,683,602	1.4	4,186,034	3,879,746	7.9	27,416,156 R	27,078,978	1.2
GRAND TOTAL	5,014,659	4,355,289	15.1	31,480,925 R	31,500,800	-0.1	4,710,303	4,415,075	6.7	30,845,003 R	30,927,360	-0.3

(1) = Except phenolic resins which are reported on a gross weight basis.

** = Sales and Captive Use figures include some Canadian produced materials.

(2) = The publishing of PVAC has been suspended.

(E) = Estimate – Data includes estimates for one company.

D = Disclosure

R = Revision

(3) = The publishing of PVOH data has been suspended.

(4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

(6) = Data Includes Sales from Imports.

(7) = 1991 Data Includes Sales from Imports.

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	% CHG	1991	1990	% CHG	1991	1990	% CHG
EPOXY RESIN, TOTAL	38,787	39,202	-1.1	277,983	286,627	-3.0	51,473	45,340	13.5	296,217	299,406	-1.1
Exports, Total	7,692	6,815	12.9	53,247	47,873	11.2						
Captive Use, Total	1,605	1,375	16.7	10,363	9,848	5.2						
Domestic Sales, Total	29,490	31,012	-4.9	214,373	228,906	-6.3						
Domestic Sales & Captive Use,Total	31,095	32,387	-4.0	224,736	238,754	-5.9						
Bonding & Adhesives	1,887	2,163	-12.8	14,915	16,836	-11.4						
Flooring, Paving & Exposed Aggregate	2,527	2,222	13.7	15,924	16,623	-4.2						
Protective Coatings	16,222	16,533	-1.9	112,641	118,190	-4.7						
Fiber Reinforced Laminates & Composites	5,428	5,804	-6.5	43,770	49,098	-10.9						
FRL&C for Printed Wiring Board	3,166	3,697	-14.4	26,744	32,098	-16.7						
All Other FRL&C	2,262	2,107	7.4	17,026	17,000	0.2						
Tooling, Casting & Molded Resins	2,030	2,297	-11.6	14,573	16,358	-10.9						
All Other Uses	3,001	3,368	-10.9	22,913	21,649	5.8						
POLYESTER (UNSATURATED) RESINS, TOTAL	91,664	97,341	-5.8	626,286	755,778	-17.1	92,145	99,682	-7.6	625,817	764,800	-18.2
Total Exports	1,773	1,618	9.8	11,443	13,457	-15.0						
Total Domestic	89,888	95,723	-6.1	614,843	742,321	-17.2						
General Purpose Resins, Total	76,658	81,672	-6.1	523,036	640,730	-18.4						
General Purpose - Thixotropic	28,827	33,100	-12.9	189,218	247,638	-23.6						
General Purpose - Press Molding	9,581	11,035	-13.2	68,196	84,966	-19.7						
General Purpose - Panel	6,952	6,584	5.6	46,684	50,914	-8.3						
General Purpose - All Other	31,298	30,953	1.1	218,938	257,212	-14.9						
Flame Retardant Resins	1,480	2,119	-30.2	11,105	14,128	-21.4						
Chemical Resistant Resins, Total	11,750	11,932	-1.5	80,702	87,463	-7.7						
Chemical Resistant Isophthalic Resins	7,650	8,268	-7.5	54,658	62,014	-11.9						
All Other Chemical Resistant Resins	4,100	3,664	11.9	26,044	25,449	2.3						
Reinforced Plastic, Total	62,587	69,924	-10.5	436,727 R	548,188	-20.3						
Non-Reinforced Plastics, Total	27,301	25,799	5.8	178,116 R	194,133	-8.3						

R = Revision

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)(1)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	JULY			*YEAR-TO-DATE*			*JULY*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
UREA RESINS, TOTAL	121,796	119,801	1.7	859,808 R	905,595	-5.1	121,965	121,264	0.6	858,318	900,926	-4.7
MELAMINE RESINS, TOTAL	15,328	14,887	3.0	99,323 R	100,106	-0.8	15,433	16,099	-4.1	117,491	116,420	0.9
UREA & MELAMINE RESINS, TOTAL	137,124	134,688	1.8	959,131 R	1,005,701	-4.6	137,398	137,363	0.0	975,809	1,017,346	-4.1
Total Exports	D1	D1		D1	D1							
Total Domestic	137,124	134,688	1.8	959,131 R	1,005,701	-4.6						
Textile Coating & Treating Resins	1,943	2,566	-24.3	12,568 R	19,773	-36.4	2,676	3,829	-30.1	15,044	27,692	-45.7
Paper Coating & Treating Resins	3,927	4,419	-11.1	31,120	33,932	-8.3	4,085	4,505	-9.3	31,941	34,835	-8.3
Molding Compounds	D2	D2		D2	D2		D2	D2		D2	D2	
Bonding & Adhesive Resins for:	108,264	103,823	4.3	771,468 R	793,112	-2.7	108,026	104,856	3.0	769,022	792,947	-3.0
Laminating	1,242	1,277	-2.7	9,048	12,050	-24.9	1,234	1,408	-12.4	9,147	12,584	-27.3
Plywood	5,066	4,335	16.9	35,309	34,152	3.4	5,195	4,346	19.5	35,429	34,560	2.5
Fibrous & Granulated Wood (Particle Board)	101,956	98,211	3.8	727,111 R	746,910	-2.7	101,597	99,102	2.5	724,446	745,803	-2.9
Protective Coatings (Straight & Modified)	8,789	8,804	-0.2	56,892	58,391	-2.6	9,934	11,086	-10.4	81,182	78,471	3.5
All Other Uses	14,201	15,076	-5.8	87,083 R	100,493	-13.3	12,677	13,087	-3.1	78,620	83,401	-5.7
PHENOLIC & OTHER TAR ACID RESINS, TOTAL (E)	247,781	253,775	-2.4	1,538,027	1,769,092	-13.1	243,253	252,944	-3.8	1,531,004	1,766,830	-13.3
Total Exports	1,420	2,145	-33.8	8,286	14,797	-44.0						
Total Domestic	246,361	251,630	-2.1	1,529,741	1,754,295	-12.8						
Molding Compounds	12,543	11,792	6.4	89,436	98,803	-9.5	10,335	12,041	-14.2	88,214	111,089	-20.6
Bonding & Adhesive Resins for:	230,791	236,453	-2.4	1,417,158	1,633,330	-13.2	230,006	237,451	-3.1	1,418,139	1,633,259	-13.2
Laminating	13,538	14,097	-4.0	85,440	102,423	-16.6	13,734	14,139	-2.9	85,514	102,450	-16.5
Coated & Bonded Abrasives	D3	1,617		D3	16,125		D3	1,768		D3	16,161	
Friction Materials	3,089	3,650	-15.4	23,700	27,302	-13.2	3,051	3,765	-19.0	21,785	27,964	-22.1
Insulation Materials	34,201	35,318	-3.2	217,570	249,021	-12.6	34,110	36,027	-5.3	217,766	249,097	-12.6
Foundry & Shell Molding	5,646	6,499	-13.1	46,339	46,568	-0.5	5,613	6,943	-19.2	45,998	46,441	-1.0
Plywood	D3	D3		D3	D3		D3	D3		D3	D3	
Fibrous and Granulated Wood	D3	D3		D3	D3		D3	D3		D3	D3	
Resins Sold to Rubber Industry	D3	D3		D3	D3		D3	D3		D3	D3	
All Other	174,317	175,272	N/C	1,044,109	1,191,891	N/C	173,498	174,809	N/C	1,047,076	1,191,146	N/C
Protective Coatings - Unmodified & Modified	D2	D2		D2	D2		D2	D2		D2	D2	
Resins Sold to Rubber Ind. - Non Adhesive Uses	D2	D2		D2	D2		D2	D2		D2	D2	
All Other Uses	3,027	3,385	-10.6	23,147	22,162	4.4	2,912	3,452	-15.6	24,651	22,482	9.6

E - Estimate - Data include estimates for one company.
D1 = Disclosure: Included in Domestic, Total and All Other Uses.
D2 = Disclosure: Included in All Other Uses.
D3 = Disclosure: Included in All Other Bonding & Adhesive Resins.

(1) = Phenolic is on a Gross Weight Basis.
N/C = Not Comparable.
R = Revision

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RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	JULY			*YEAR-TO-DATE*			*JULY*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
LOW DENSITY POLYETHYLENE - 0.940 & BELOW, TOTAL (6)	686,352	563,787	21.7	4,229,790 R	4,073,698	3.8	637,772	640,996	-0.5	4,235,768 R	4,303,706	-1.6
Imports, Total							22,996	18,747	22.7	96,299	102,706	-6.2
Exports, Total	126,810	67,496	87.9	821,244 R	466,114	76.2						
Domestic, Total	559,542	496,291	12.7	3,408,546 R	3,607,584	-5.5	614,776	622,249	-1.2	4,139,469 R	4,201,000	-1.5
Film (12 Mils & Below)	339,852	298,436	13.9	2,004,724 R	2,131,771	-6.0						
Packaging Film	231,907	202,501	14.5	1,373,142 R	1,452,660	-5.5						
Food Packaging Film	114,501	90,147	27.0	686,809 R	684,961	0.3						
Non-Food Packaging Film	94,757	87,627	8.1	544,700 R	600,834	-9.3						
Shrink Film	12,993	13,998	-7.2	77,684 R	93,029	-16.5						
Stretch Film	9,656	10,729	-10.0	63,949 R	73,836	-13.4						
Non-Packaging Film	107,945	95,935	12.5	631,582 R	679,111	-7.0						
Carry-Out Bags	17,683	15,113	17.0	80,707 R	75,217	7.3						
Trash and Can Liners	36,875	30,271	21.8	197,609 R	209,522	-5.7						
Other Non-Packaging Film	53,387	50,551	5.6	353,266 R	394,372	-10.4						
Sheet (Over 12 Mils)	7,018	5,425	29.4	41,694 R	42,855	-2.7						
Injection Molding	26,785	27,821	-3.7	157,986 R	216,370	-27.0						
Injection Molded Lids	4,677	5,838	-19.9	29,914 R	46,462	-35.6						
Injection Molded Housewares	4,252	3,790	12.2	27,982 R	28,548	-2.0						
Other Injection Molding	17,856	18,193	-1.9	100,090 R	141,360	-29.2						
Wire and Cable	20,769	18,269	13.7	136,698 R	143,465	-4.7						
Extrusion Coating	69,739	63,142	10.4	480,853 R	451,406	6.5						
Blow Molding	5,322	4,898	8.7	38,271 R	36,202	5.7						
Pipe and Conduit, Total	D5	D5		D5	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	7,852	8,324	-5.7	46,663 R	51,586	-9.5						
Rotomolding	D2	D2		D2	D2							
Resellers & Compounders, Total	54,901	45,050	21.9	366,181	319,863	14.5						
Resellers	38,281	28,355	35.0	251,354 R	222,799	12.8						
Compounders	16,620	16,695	-0.4	114,827 R	97,064	18.3						
Adhesives and Sealants	11,391	7,470	52.5	76,344	61,762	23.6						
All Other Uses	15,913	17,456	-8.8	59,132 R	152,304	-61.2						

D2 = Disclosure: Included in All Other Uses.
D5 = Disclosure: Included in Other Extruded Products.

(6) = Sales include Imports.

D = Disclosure
R = Revision

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RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	JULY			*YEAR-TO-DATE*			*JULY*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
LINEAR LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	460,870	363,366	26.8	2,720,371 R	2,632,885	3.3	401,400	374,547	7.2	2,773,493 R	2,638,515	5.1
Imports, Total							61,085	70,804	-13.7	377,039	496,327	-24.0
Exports, Total	52,599	21,744	141.9	300,281	130,664	129.8						
Domestic, Total	408,271	341,622	19.5	2,420,090 R	2,502,221	-3.3	340,315	303,743	12.0	2,396,454 R	2,142,188	11.9
Film (12 Mils & Below)	252,433	219,345	15.1	1,551,764 R	1,628,554	-4.7						
Packaging Film	109,687	97,509	12.5	695,272 R	709,687	-2.0						
Food Packaging Film	23,256	15,687	48.3	136,451 R	124,569	9.5						
Non-Food Packaging Film	46,062	55,123	-16.4	268,200 R	391,605	-31.5						
Shrink Film	D10	D10		D10	D10							
Stretch Film	40,369	26,699	51.2	290,621 R	193,513	50.2						
Non-Packaging Film	142,746	121,836	17.2	856,492 R	918,867	-6.8						
Carry-Out Bags	25,126	19,673	27.7	150,717 R	140,770	7.1						
Trash and Can Liners	98,438	81,620	20.6	577,671 R	603,225	-4.2						
Other Non-Packaging Film	19,182	20,543	-6.6	128,104 R	174,872	-26.7						
Sheet (Over 12 Mils)	8,179	2,889	183.1	34,543	27,086	27.5						
Injection Molding	53,528	48,533	10.3	311,764 R	298,977	4.3						
Injection Molded Lids	15,747	16,313	-3.5	96,191 R	105,539	-8.9						
Injection Molded Housewares	26,280	22,524	16.7	163,084 R	126,838	28.6						
Other Injection Molding	11,501	9,696	18.6	52,489 R	66,600	-21.2						
Wire and Cable	11,487	9,761	17.7	81,902 R	85,200	-3.9						
Extrusion Coating	D5	D5		D5	D5							
Blow Molding	1,072	1,758	-39.0	6,770	17,611	-61.6						
Pipe and Conduit, Total	5,088	4,964	2.5	25,398	36,386	-30.2						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		[illegible]	D							
Other Extruded Products	3,144	2,519	24.8	[illegible] R	19,026	15.6						
Rotomolding	17,131	28,974	-40.9	[illegible]	186,741	-37.4						
Resellers & Compounders, Total	46,007	16,650	176.3	204,859	134,041	52.8						
Resellers	38,431	6,384	502.0	148,911 R	64,501	130.9						
Compounders	7,576	10,266	-26.2	55,948 R	69,540	-19.5						
Adhesives and Sealants	D2	D2		D2	D2							
All Other Uses	10,202	6,229	63.8	64,126 R	68,599	-6.5						

D2 = Disclosure: Included in All Other Uses.
D5 = Disclosure: Included in Other Extruded Products.
D10 = Disclosure: Shrink Film is Included in Stretch Film.

(6) = Sales Include Imports.

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RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	JULY			*YEAR-TO-DATE*			*JULY*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
HIGH DENSITY POLYETHYLENE – ABOVE 0.940. TOTAL (6)	839,171	728,316	15.2	5,181,401 R	4,903,987	5.7	820,740	756,533	8.5	5,387,478 R	4,921,185	9.5
Imports, Total							31,794	41,082	-22.6	189,956	218,993	-13.3
Exports, Total	104,411	55,781	87.2	565,667	386,063	46.5						
Domestic, Total	734,760	672,535	9.3	4,615,734 R	4,517,924	2.2	788,946	715,451	10.3	5,197,522 R	4,702,192	10.5
Film (12 Mils & Below)	81,141	71,690	13.2	531,408 R	507,185	4.8						
Packaging Film	16,629	17,113	-2.8	117,817	142,078	-17.1						
Food Packaging Film	11,648	12,281	-5.2	83,555 R	96,417	-13.3						
Non-Food Packaging Film	4,981	4,832	3.1	34,262 R	45,661	-25.0						
Non-Packaging Film	64,512	54,577	18.2	413,591 R	365,107	13.3						
Retail Bags	56,068	40,509	38.4	345,768 R	281,942	22.6						
Grocery Sacks & T-Shirt Bags	27,529	21,899	25.7	167,732 R	149,231	12.4						
All Other Retail Bags	28,539	5,078	N/C	178,036 R	38,721	N/C						
Trash Bags/Can Liners	D9	13,532		D9	93,990							
All Other Non-Packaging Film	8,444	14,066	-40.0	67,823	83,165	-18.4						
Sheet (Over 12 Mils)	24,352	31,179	-21.9	174,836	221,913	-21.2						
Injection Molding, Total	151,500	147,337	2.8	964,268 R	917,284	5.1						
Pails (5 gallons or less)	45,757	40,512	12.9	290,053 R	267,755	8.3						
Housewares	13,694	12,416	10.3	75,901 R	61,960	22.5						
Food Tubs/Containers & Drink Cups	24,988	28,536	-12.4	174,541	180,565	-3.3						
Crates and Totes	21,181	21,659	-2.2	137,998	127,681	8.1						
Toys/Novelties/Sporting Goods	7,297	3,599	102.8	42,399	35,143	20.6						
Caps and Closures	9,010	8,266	9.0	58,014 R	62,349	-7.0						
All Other Injection Molding	29,573	32,349	-8.6	185,362 R	181,831	1.9						
Wire and Cable	12,890	13,364	-3.5	85,487 R	101,777	-16.0						
Blow Molding, Total	278,791	234,961	18.7	1,716,451	1,675,416	2.4						
Motor Oil Bottles	20,143	17,142	17.5	114,614	129,611	-11.6						
Liquid Food Bottles	87,503	82,980	5.5	564,757	563,573	0.2						
Household Chemical Bottles	91,015	71,692	27.0	527,070	512,475	2.8						
Industrial Drums	19,500	12,814	52.2	117,420	90,748	29.4						
Gas Tanks, All Uses	4,388	3,760	16.7	22,056	19,946	10.6						
Pharm., Cosmetics, & Toiletries	19,454	16,081	21.0	125,371	128,837	-2.7						
All Other Blow Molding	36,788	30,492	20.6	245,163	230,226	6.5						
Pipe and Conduit, Total	54,151	64,476	-16.0	339,007	370,683	-8.5						
Corrugated	11,993	8,574	39.9	63,764	63,766	0.0						
Non-Corrugated	42,158	55,902	-24.6	275,243	306,917	-10.3						
Gas Distribution	17,387	14,118	23.2	105,633	108,791	-2.9						
Water	9,750	D11		59,129	D11							
Industrial/Sewer	12,031	D11		93,261	D11							
All Other Non-Corrugated Pipe	2,990	41,784	N/C	17,220	196,126	N/C						
Other Extruded Products	8,863	7,512	18.0	62,609	51,485	21.6						
Rotomolding	5,82[illegible]	5,707	2.1	45,640 R	45,205	1.0						
Reseller & Compounders, Total	92,205	73,679	25.1	526,129 R	455,705	15.5						
Resellers	89,058	67,094	32.7	496,463 R	423,972	17.1						
Compounders	3,147	6,585	-52.2	29,666	31,733	-6.5						
All Other HDPE	25,040	22,630	10.6	169,899 R	171,271	-0.8						

D9 = Disclosure: Included in All Other Retail Bags.
D11 = Disclosure: Included in All Other Non-Corrugated Pipe.

(6) = Sales Include Imports.

N/C = Not Comparable.
R = Revision

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RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
POLYPROPYLENE, TOTAL (7)	744,916	635,973	17.1	4,788,203	4,691,832	2.1	730,736	N/A		4,820,943 R	N/A	
Imports, Total							4,522	N/A		21,193	N/A	
Exports, Total	159,590	113,294	40.9	965,306 R	867,837	11.2						
Domestic, Total	585,326	522,679	12.0	3,822,897 R	3,823,995	0.0	726,214	660,833	9.9	4,799,750 R	4,822,122	-0.5
Injection Molding, Total	166,237	148,399	12.0	1,121,048	1,128,025	-0.6						
Appliances	12,341	13,184	-6.4	93,837	104,359	-10.1						
Consumer Products	48,445	48,073	0.8	385,228	367,147	4.9						
Rigid Packaging	63,716	51,160	24.5	392,533	384,746	2.0						
Transportation	25,905	22,351	15.9	144,657	170,072	-14.9						
All Other Injection Molding	15,830	13,631	16.1	104,793	101,701	3.0						
Blow Molding	10,040	12,881	-22.1	84,410	85,256	-1.0						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below), Total	60,448	50,704	19.2	393,084	343,687	14.4						
Oriented Film	47,384	41,612	13.9	302,570	276,172	9.6						
Non-Oriented Film	13,064	9,092	43.7	90,514	67,515	34.1						
Sheet (Over 10 Mils), Total	10,363	10,540	-1.7	72,145	80,761	-10.7						
Packaging	5,392	D		40,265	D							
Non-Packaging	4,971	D		31,880	D							
Extrusion Coating	1,123	1,771	-36.6	11,598	11,777	-1.5						
Wire and Cable	D5	D5		D5	D5							
Fiber and Filaments, Total	178,680	173,349	3.1	1,147,054	1,218,695	-5.9						
Textile Applications	167,760	164,976	1.7	1,081,753	1,148,199	-5.8						
Nonwovens	58,752	49,163	19.5	346,237	348,935	-0.8						
Monofilament & Multifilament Fibers	58,806	58,898	-0.2	403,486	415,297	-2.8						
Slit Film Fibers	50,202	56,915	-11.8	332,030	383,967	-13.5						
Non-Textile Monofilaments	10,920	8,373	30.4	65,301	70,496	-7.4						
Pipe and Conduit	D5	D5		D5	D5							
Other Extruded Products	8,287	9,883	-16.1	46,501	71,782	-35.2						
Resellers/Distributors/Compounders, Total	144,265	111,804	29.0	906,961 R	853,534	6.3						
Resellers	57,120	41,256	38.5	364,059	325,637	11.8						
Distributors	31,980	26,304	21.6	198,399 R	210,821	-5.9						
Compounders	55,165	44,244	24.7	344,503	317,076	8.6						
All Other Uses	5,883	3,348	75.7	40,096	30,478	31.6						

D5 = Disclosure: Included in Other Extruded Products.
(7) = Sales for 1991 Include Imports.

N/A = Not Available
D = Disclosure
R = Revision

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RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	JULY			*YEAR-TO-DATE*			*JULY*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
POLYSTYRENE RESINS, TOTAL	454,775	430,180	5.7	2,817,727 R	3,003,815	-6.2	467,139	435,812	7.2	2,807,570 R	2,935,861	-4.4
Crystal (Solid) Polystyrene	178,430	232,098	N/C	1,116,182 R	1,612,846	N/C	185,210	167,127	10.8	1,094,024 R	1,154,987	-5.3
Rubber Modified Polystyrene	199,553	198,082	0.7	1,301,378 R	1,390,969	-6.4	210,219	212,126	-0.9	1,328,187 R	1,364,798	-2.7
Expandable Polystyrene	76,792	D13		400,167 R	D13		71,710	56,559	26.8	385,359 R	416,076	-7.4
Exports, Total	21,027	14,809	42.0	150,116 R	96,916	54.9						
Crystal (Solid) Polystyrene	5,149	7,641	N/C	48,417 R	52,994	N/C						
Rubber Modified Polystyrene	10,764	7,168	50.2	63,193 R	43,922	43.9						
Expandable Polystyrene	5,114	D13		38,506	D13							
Domestic, Total	433,748	415,371	4.4	2,667,611 R	2,906,899	-8.2						
Molding	154,461	148,591	4.0	939,163 R	1,006,539	-6.7						
Extrusion	189,906	191,935	-1.1	1,274,629 R	1,410,616	-9.6						
Expandable Polystyrene	72,298	61,413	17.7	362,281 R	401,457	-9.8						
Block	31,406	26,503	18.5	140,901	152,123	-7.4						
Shape	17,391	12,824	35.6	81,789	89,663	-8.8						
Loose Fill	D6	D6		D6	D6							
Other EPS	23,501	22,086	6.4	139,591 R	159,671	-12.6						
All Other Uses	17,083	13,432	27.2	91,538 R	88,287	3.7						
Polystyrene End-Uses, Total	433,748	415,371	4.4	2,667,611 R	2,906,899	-8.2						
Packaging & One Time Use	164,241	162,900	0.8	1,030,226 R	1,151,366	-10.5						
Consumer & Institutional Products	42,227	43,266	-2.4	295,018 R	320,291	-7.9						
Electrical/Electronics	58,623	55,858	5.0	382,846	396,928	-3.5						
Furniture,Furnishings,Bldg. & Construction	24,379	23,777	2.5	141,416 R	164,735	-14.2						
Expandable Polystyrene	72,298	61,413	17.7	362,281 R	401,457	-9.8						
Resellers and Compounders	63,860	56,709	12.6	386,997 R	375,791	3.0						
All Other End-Uses	8,120	11,448	-29.1	68,827 R	96,331	-28.6						

R = Revision

D6 = Disclosure: Included in Other EPS

N/C – Not Comparable

D13 = Disclosure: Included in Crystal (Solid) Polystyrene

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MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	JULY			*YEAR-TO-DATE*			*JULY*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
ABS (ACRYLONITRILE–BUTADIENE–STYRENE), TOTAL	93,768	102,773	-8.8	626,403 R	694,931	-9.9	107,625	108,589	-0.9	595,754 R	686,928	-13.3
SAN (STYRENE–ACRYLONITRILE), TOTAL	10,399	10,324	0.7	68,139 R	77,410	-12.0	8,639	11,400	-24.2	62,556 R	75,505	-17.1
Total Exports	2,995	3,666	-18.3	21,006 R	28,532	-26.4						
Total Domestic	7,404	6,658	11.2	47,133 R	48,878	-3.6						
OTHER STYRENICS (40% OR MORE STYRENE), TOTAL	13,071	11,057	18.2	88,117 R	90,738	-2.9	13,096	10,517	24.5	76,364 R	84,734	-9.9
ABS, SAN, & OTHER STYRENICS, TOTAL	117,238	124,154	-5.6	782,659 R	863,079	-9.3	129,360	130,506	-0.9	734,674 R	847,167	-13.3
Total Exports	17,798	21,221	-16.1	128,371 R	134,360	-4.5						
Total Domestic	99,440	102,933	-3.4	654,288 R	728,719	-10.2						
Electrical/Electronics	D2	D2		D2	D2							
Building & Construction	12,211	12,131	0.7	61,900	89,805	-31.1						
Transportation	31,198	32,308	-3.4	192,417 R	228,127	-15.7						
Consumer & Institutional	10,626	13,275	-20.0	80,466 R	94,922	-15.2						
All Other Uses	45,405	45,219	0.4	319,505 R	315,865	1.2						
*STYRENE BASED LATEXES, TOTAL**	93,825	84,357	11.2	626,906 R	641,973	-2.3	86,527	83,762	3.3	589,315	606,700	-2.9
Carpet Backing	33,175	31,788	4.4	231,238 R	240,812	-4.0						
All Other Uses	60,650	52,569	15.4	395,668	401,161	-1.4						
NYLON RESINS, TOTAL(6)	55,757	45,043	23.8	366,299	331,222	10.6	N/A	N/A		N/A	N/A	
Imports, Total							N/A	N/A		N/A	N/A	
Exports, Total	7,371	6,392	15.3	52,558	42,868	22.6						
Domestic, Total **	48,386	38,651	25.2	313,741	288,354	8.8	46,672	49,381	-5.5	322,645	338,338	-4.6
Injection Molding Grade	28,799	22,803	26.3	188,933 R	169,690	11.3						
Extrusion Grade	14,878	12,628	17.8	95,630 R	91,175	4.9						
Resellers & Compounders	3,036	1,807	68.0	20,913	21,154	-1.1						
All Other Uses	1,673	1,413	18.4	8,265	6,335	30.5						
Nylon End–Uses, Total	48,386	38,651	25.2	313,741	288,354	8.8						
Automotive and Truck	16,442	13,658	20.4	109,675 R	97,129	12.9						
Electrical and Electronic	5,594	4,410	26.8	34,623 R	34,967	-1.0						
Appliances	1,420	1,094	29.8	10,288 R	8,113	26.8						
Film and Coating	6,004	6,758	-11.2	43,337 R	44,538	-2.7						
Wire and Cable	2,620	2,462	6.4	18,890	19,747	-4.3						
Monofilament	1,807	1,615	11.9	13,378	12,856	4.1						
Consumer	3,198	1,795	78.2	16,758 R	12,044	39.1						
Industrial/Machinery	4,471	3,376	32.4	27,052	25,743	5.1						
All Other End–Uses	6,830	3,483	96.1	39,740	33,217	19.6						

* – Styrene Based Latexes Sales include some Canadian produced material.
** – 1991 Domestic Sales Include Sales to Canada.
D2 = Disclosure: Included in All Other Uses.
R = Revision

R = Revision
N/A = Not Available.
(6) – Includes sales from imports.

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (DRY RESIN CONTENT)	847,040	690,910	22.6	5,272,205	5,331,639	-1.1	804,414	710,434	13.2	5,152,659	5,278,339	-2.4
Homopolymer Resins, Including Blending & Latex	790,319	642,167	23.1	4,872,160	4,926,527	-1.1	752,349	664,438	13.2	4,726,475	4,861,208	-2.8
Copolymer Resins, Including Blending & Latex	13,734	11,604	18.4	102,835	120,854	-14.9	12,397	9,938	24.7	127,235	118,236	7.6
Dispersion Resins	42,987	37,139	15.7	297,210	284,258	4.6	39,668	36,058	10.0	298,949	298,895	0.0
Exports, Total	151,060	60,785	148.5	924,899	529,674	74.6						
Domestic, Total	695,980	630,125	10.5	4,347,306	4,801,965	-9.5						
Calendering, Total	86,790	71,539	21.3	578,211	582,312	-0.7						
Flooring	15,512	14,425	7.5	116,109	130,572	-11.1						
Textile	6,826	5,402	26.4	57,668	61,188	-5.8						
All Other Calendering Uses	64,452	51,712	24.6	404,434	390,552	3.6						
Coating, Total	23,221	24,126	-3.8	178,189	194,515	-8.4						
Flooring	10,48[illegible]	9,947	5.4	85,384	84,062	1.6						
Textile and Paper Coating	7,388	8,165	-9.5	53,507	55,872	-4.2						
Protective Coatings	3,048	3,890	-21.6	23,448	29,034	-19.2						
Adhesives & All Other Coating Uses	2,304	2,124	8.5	15,850	25,547	-38.0						
Extrusion, Total	490,715	441,930	11.0	2,959,539	3,283,882	-9.9						
Wire and Cable	25,062	23,570	6.3	193,808	219,783	-11.8						
Film and Sheet, Packaging	21,024	18,557	13.3	158,890	182,168	-12.8						
Film and Sheet, Non-Packaging	3,669	2,796	31.2	28,296	25,557	10.7						
Siding, Siding Acc. & Mobile Home Skirting	92,380	71,204	29.7	490,726	497,204	-1.3						
Rigid Pipe and Tubing (except fittings)	299,592	279,852	7.1	1,768,500	2,016,508	-12.3						
Extruded Windows and Doors	10,310	N/A		61,272	N/A							
All Other Extrusion Uses	38,678	45,951	N/C	258,047	342,662	N/C						
Molding, Total	42,420	42,163	0.6	271,036	306,754	-11.6						
Bottles	17,434	17,770	-1.9	114,629	133,421	-14.1						
Fittings (Rigid Pipe and Tubing)	19,844	14,348	38.3	115,423	96,639	19.4						
All Other Molding Uses	5,142	10,045	-48.8	40,984	76,694	-46.6						
Paste Processes (except coating), Total	14,540	13,995	3.9	107,044	108,196	-1.1						
Plastisol Formulation	7,941	7,924	0.2	59,621	58,941	1.2						
All Other Paste Process Uses	6,599	6,071	8.7	47,423	49,255	-3.7						
Resellers & Compounders	32,465	22,995	41.2	217,682	212,312	2.5						
All Other Uses	5,829	13,377	-56.4	35,605	113,994	-68.8						

N/A – Not Available

N/C = Not Comparable

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	JULY			*YEAR-TO-DATE*			*JULY*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)												
Exports, Total												
Domestic, Total												
Emulsion Paints												
Adhesives, Caulks and Sealants												
Paper Treating & Paper Coating												
Textile Treating												
Non-Woven Binders												
All Other Uses												
POLYVINYL ALCOHOL, TOTAL (3)												
Exports, Total												
Domestic, Total												
OTHER VINYL RESINS, TOTAL (4)	13,092	13,444	-2.6	103,794	111,854	-7.2	11,638	13,914	-16.4	106,260	126,152	-15.8
Exports, Total	5,898	4,089	44.2	47,8[illegible]	39,514	21.1						
Domestic, Total	7,194	9,355	-23.1	55,953	72,340	-22.7						
THERMOPLASTIC POLYESTER, TOTAL (6)	186,267	150,753	23.6	1,190,143	1,097,618	8.4	170,033	153,661	10.7	1,169,838	1,078,919	8.4
Exports, Total	36,895	29,275	26.0	291,077	213,051	36.6						
PET Bottle Grade Resin, Exports	D	D		D	D							
All Other Exports	D	D		D	D							
Domestic, Total	149,372	121,478	23.0	899,066	884,567	1.6						
Domestic PET	N.R.	N.R.		N.R.	N.R.							
Solid State Phase Resin	D12	D12		D12	D12							
PET Bottle Grades	100,422	80,610	24.6	622,088	618,745	0.5						
PET/PBT Resellers & Compounders	N.R.4	N.R.4		N.R.4	N.R.4							
All Other Thermoplastic Polyester	48,950	40,868	19.8	276,978	265,822	4.2						

(2) – The publishing of PVAC data has been suspended.

(3) – The publishing of PVOH data has been suspended.

(4) – Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

D12 = Disclosure: Included in All Other Thermoplastic Polyester.

N.R.4 = Not Reported: Included in All Other Thermoplastic Polyester.

N.R. = Not Reported

D = Disclosure

(6) – Includes sales from imports.

The Society of the
Plastics Industry, Inc.

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED
June 30, 1991

DATA FOR CALCULATING APPARENT CONSUMPTION OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: September 16, 1991

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

MONTHLY STATISTICAL REPORT

(Millions of pounds, dry weight basis)(1)

JUNE 1991

RESIN KIND	JUNE				YEAR-TO-DATE			
	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*
EPOXY RESIN, TOTAL	44.5	31.3	1.5	7.2	244.7	184.9	8.6	45.6
POLYESTER (UNSATURATED) RESINS, TOTAL	92.9	90.4	1.5	6.0	533.7	525.0	5.6	46.0
UREA RESINS, TOTAL **	127.1	123.6	1.1	1.9	736.4	733.0	9.3	11.1
MELAMINE RESINS, TOTAL **	16.3	14.1	0.4	1.9	102.1	83.9	3.2	11.6
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	234.2	231.7	2.4	7.3	1,287.8	1,283.4	17.1	40.9
THERMOSETTING RESINS, TOTAL	515.0	491.1	6.9	24.3	2,904.7	2,810.2	43.8	155.2
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	566.1	494.4	12.3	94.1	3,505.3	2,844.4	81.6	529.0
LINEAR LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	292.3	331.2	48.1	46.8	2,052.1	1,993.9	330.6	317.8
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL (6)	776.2	664.9	37.3	99.2	4,406.0	3,900.0	228.7	642.2
POLYPROPYLENE, TOTAL (6)	693.0	525.4	6.6	153.6	4,073.4	3,237.5	40.0	1,017.7
ABS RESINS, TOTAL ** (ACRYLONITRILE-BUTADIENE-STYRENE)	85.3	93.0	6.8	14.6	487.2	531.8	39.5	94.2
SAN (STYRENE-ACRYLONITRILE) RESINS, TOTAL	9.0	6.9	0.4	13.7	54.4	39.5	2.1	50.2
OTHER STYRENICS **	98.5	104.5	0.2	20.5	566.1 R	606.0 R	1.7	111.9
POLYSTYRENE RESINS, TOTAL	393.1	385.4	4.2	26.6	2,342.0	2,231.0	20.2	173.4
NYLON RESINS, TOTAL (6)	47.2	48.7	7.7	15.6	276.0	265.4 R	34.2	85.5
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	791.2	656.3	6.9	124.7	4,348.2	3,651.3	39.3	734.7
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (4)								
POLYVINYL ALCOHOL, TOTAL (4)								
OTHER VINYL RESINS	16.5	9.3	N/A	N/A	94.6	48.8	N/A	N/A
THERMOPLASTIC POLYESTER, TOTAL (6)	179.6	133.4	3.8	52.4	999.8 R	749.7 R	41.9	296.4
THERMOPLASTIC RESINS, TOTAL	3,948.0	3,453.4	134.3	661.8	23,205.1 R	20,101.3 R	859.8	4,053.0
GRAND TOTAL	4,463.0	3,944.5	141.2	686.1	26,109.8 R	22,911.5 R	903.6	4,208.2

(1) = Except phenolic resins which are reported on a gross weight basis.
(4) = The publishing of PVOH and PVAC data is temporarily suspended.
* Except for Epoxy Resin, Bureau of Census exports will differ from exports published in the SPI Monthly Statistical Report.
** = Domestic Sales include Exports.
(6) = Data Includes Sales from Imports.

Monthly and Year-To-Date totals may not agree due to government revisions and rounding.

N/A = Not Available
R = Revision

Sources: Sales and Production – SPI Monthly Statistical Report
Imports – Bureau of the Census (IM 146)
Exports – Bureau of the Census (EM 545)

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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The Society of the
Plastics Industry, Inc.

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED
August 31, 1991

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING & THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

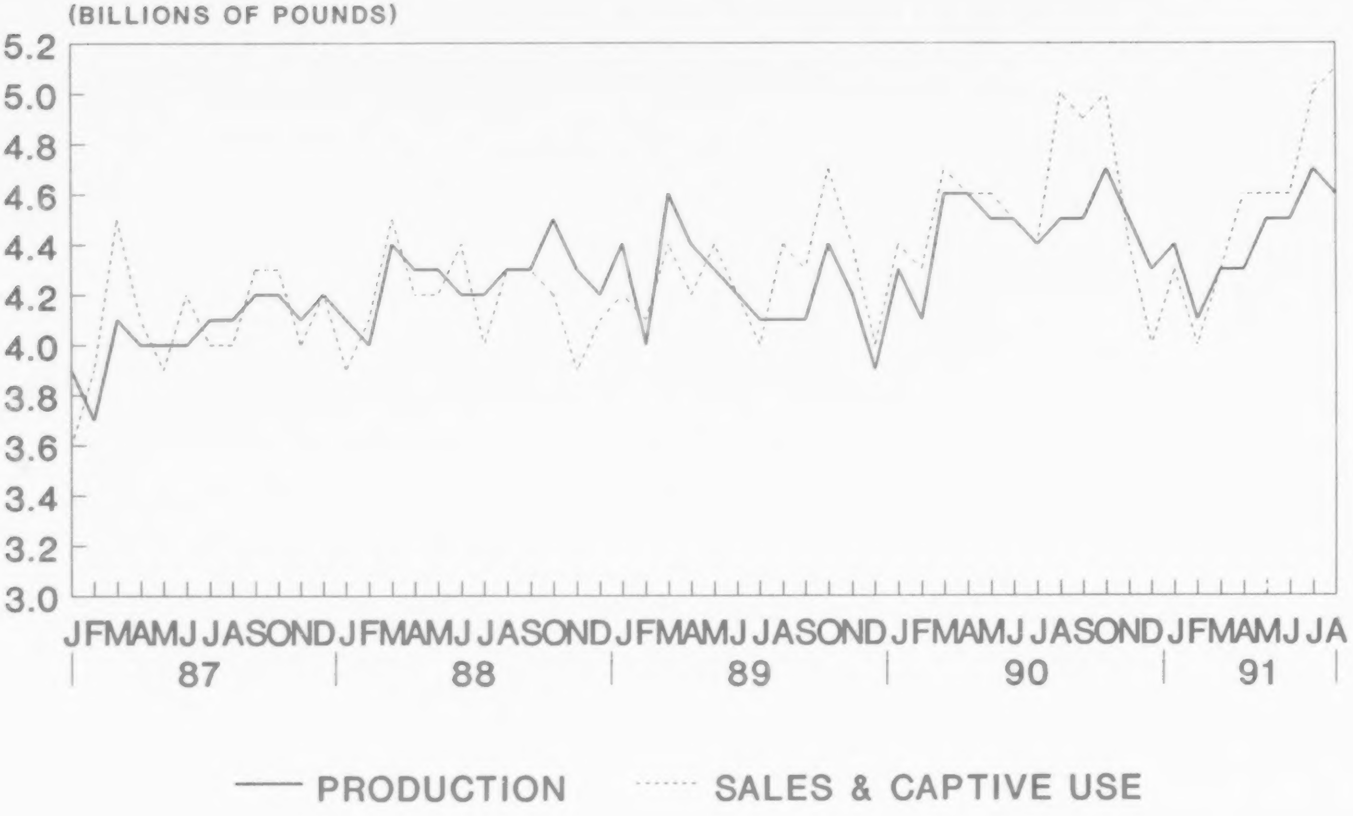
NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: October 11, 1991

THE SOCIETY OF THE PLASTICS INDUSTRY

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS



THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

MONTHLY STATISTICAL REPORT

(Thousands of pounds, dry weight basis)(1)

AUGUST 1991

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	AUGUST			*YEAR-TO-DATE*			*AUGUST*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
EPOXY RESIN, TOTAL	44,786	40,818	9.7	322,769	327,445	-1.4	47,642	41,926	13.6	343,859	341,332	0.7
POLYESTER (UNSATURATED) RESINS, TOTAL	97,860	106,789	-8.4	724,146	862,567	-16.0	96,910	107,640	-10.0	722,727	872,440	-17.2
UREA RESINS, TOTAL	125,626	126,360	-0.6	985,434	1,031,955	-4.5	125,424	124,173	1.0	983,742	1,025,099	-4.0
MELAMINE RESINS, TOTAL	16,037	19,153	-16.3	115,360	119,259	-3.3	15,262	17,729	-13.9	132,753	134,149	-1.0
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	224,682	241,353	-6.9	1,762,709	2,010,445	-12.3	224,313	245,462	-8.6	1,755,317	2,012,292	-12.8
THERMOSETTING RESINS, TOTAL	508,991	534,473	-4.8	3,910,418	4,351,671	-10.1	509,551	536,930	-5.1	3,938,398	4,385,312	-10.2
LOW-DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	673,481	658,260	2.3	4,903,271	4,731,958	3.6	645,264	609,191	5.9	4,784,733	4,810,191	-0.5
LINEAR-LOW DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6) (E)	474,122	444,466	6.7	3,194,493	3,077,351	3.8	359,118	330,723	8.6	2,755,572	2,472,911	11.4
HIGH-DENSITY POLYETHYLENE (ABOVE 0.940), TOTAL (6)	858,580	835,325	2.8	6,026,767 R	5,739,312	5.0	768,658	723,621	6.2	5,966,180	5,425,813	10.0
POLYPROPYLENE, TOTAL (7)	764,678	758,284	0.8	5,552,881	5,450,116	1.9	698,897	653,887	6.9	5,498,647	5,476,009	0.4
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	98,663	104,347	-5.4	725,066	799,278	-9.3	92,484	91,629	0.9	688,238	778,557	-11.6
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	9,426	12,968	-27.3	77,565	90,378	-14.2	7,530	13,634	-44.8	70,086	89,139	-21.4
POLYSTYRENE RESINS, TOTAL	454,427	466,627	-2.6	3,272,154	3,470,442	-5.7	448,876	425,645	5.5	3,256,446	3,361,506	-3.1
STYRENE BASED LATEXES, TOTAL **	103,744	103,307	0.4	730,650	745,280	-2.0	98,532	95,411	3.3	687,847	702,111	-2.0
OTHER STYRENICS, TOTAL (40% or More Styrene)	13,041	13,146	-0.8	101,181 R	103,884	-2.6	12,031	11,321	6.3	88,408 R	96,055	-8.0
NYLON RESINS (6)	61,725	51,482	19.9	428,024	382,704	11.8	47,784	48,301	-1.1	370,429	386,639	-4.2
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	837,088	802,558	4.3	6,109,293	6,134,197	-0.4	793,185	774,412	2.4	5,945,844	6,052,751	-1.8
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)	N/A	N/A		N/A	N/A		N/A	N/A		N/A	N/A	
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
OTHER VINYL RESINS (4)	14,123	17,026	-17.1	117,917	128,880	-8.5	17,891	19,339	-7.5	124,151	145,491	-14.7
THERMOPLASTIC POLYESTER, TOTAL (6)	183,263	148,912	23.1	1,402,728 R	1,246,530	12.5	149,002	161,293	-7.6	1,318,840	1,240,212	6.3
THERMOPLASTIC RESINS, TOTAL	4,546,361	4,416,708	2.9	32,641,990	32,100,310	1.7	4,139,252	3,958,407	4.6	31,555,421	31,037,385	1.7
GRAND TOTAL	5,055,352	4,951,181	2.1	36,552,408	36,451,981	0.3	4,648,803	4,495,337	3.4	35,493,819	35,422,697	0.2

(1) = Except phenolic resins which are reported on a gross weight basis.

** = Sales and Captive Use figures include some Canadian produced materials.

(2) = The publishing of PVAC has been suspended.

(E) = Estimate – Data includes estimates for one company.

D = Disclosure

R = Revision

(3) = The publishing of PVOH data has been suspended.

(4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

(6) = Data includes Sales from Imports.

(7) = 1991 Data includes Sales from Imports.

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	AUGUST			*YEAR-TO-DATE*			*AUGUST*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
EPOXY RESIN, TOTAL	44,786	40,818	9.7	322,769	327,445	-1.4	47,642	41,926	13.6	343,859	341,332	0.7
Exports, Total	8,646	7,337	17.8	61,893	55,210	12.1						
Captive Use, Total	1,092	1,227	-11.0	11,455	11,075	3.4						
Domestic Sales, Total	35,048	32,254	8.7	249,421	261,160	-4.5						
Domestic Sales & Captive Use,Total	36,140	33,481	7.9	260,876	272,235	-4.2						
Bonding & Adhesives	2,459	2,170	13.3	17,374	19,006	-8.6						
Flooring, Paving & Exposed Aggregate	3,102	1,868	66.1	19,026	18,491	2.9						
Protective Coatings	17,505	17,033	2.8	130,146	135,223	-3.8						
Fiber Reinforced Laminates & Composites	7,803	7,050	10.7	51,573	56,148	-8.1						
FRL&C for Printed Wiring Board	5,307	4,599	15.4	32,051	36,697	-12.7						
All Other FRL&C	2,496	2,451	1.8	19,522	19,451	0.4						
Tooling, Casting & Molded Resins	2,108	2,436	-13.5	16,681	18,794	-11.2						
All Other Uses	3,163	2,924	8.2	26,076	24,573	6.1						
POLYESTER (UNSATURATED) RESINS, TOTAL	97,860	106,789	-8.4	724,146	862,567	-16.0	96,910	107,640	-10.0	722,727	872,440	-17.2
Total Exports	1,796	1,294	38.8	13,239	14,751	-10.3						
Total Domestic	96,064	105,495	-8.9	710,907	847,816	-16.1						
General Purpose Resins, Total	82,869	89,871	-7.8	605,905	730,601	-17.1						
General Purpose - Thixotropic	28,158	33,402	-15.7	217,376	281,040	-22.7						
General Purpose - Press Molding	10,162	12,259	-17.1	78,358	97,225	-19.4						
General Purpose - Panel	8,724	6,901	26.4	55,408	57,815	-4.2						
General Purpose - All Other	35,825	37,309	-4.0	254,763	294,521	-13.5						
Flame Retardant Resins	2,070	1,915	8.1	13,175	16,043	-17.9						
Chemical Resistant Resins, Total	11,125	13,709	-18.8	91,827	101,172	-9.2						
Chemical Resistant Isophthalic Resins	7,773	9,511	-18.3	62,431	71,525	-12.7						
All Other Chemical Resistant Resins	3,352	4,198	-20.2	29,396	29,647	-0.8						
Reinforced Plastic, Total	66,723	77,662	-14.1	503,450	625,850	-19.6						
Non-Reinforced Plastics, Total	29,341	27,833	5.4	207,457	221,966	-6.5						

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(Thousands of Pounds, Dry Weight Basis)(1)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	AUGUST			*YEAR-TO-DATE*			*AUGUST*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
UREA RESINS, TOTAL	125,626	126,360	-0.6	985,434	1,031,955	-4.5	125,424	124,173	1.0	983,742	1,025,099	-4.0
MELAMINE RESINS, TOTAL	16,037	19,153	-16.3	115,360	119,259	-3.3	15,262	17,729	-13.9	132,753	134,149	-1.0
UREA & MELAMINE RESINS, TOTAL	141,663	145,513	-2.6	1,100,794	1,151,214	-4.4	140,686	141,902	-0.9	1,116,495	1,159,248	-3.7
Total Exports	D1	D1		D1	D1							
Total Domestic	141,663	145,513	-2.6	1,100,794	1,151,214	-4.4						
Textile Coating & Treating Resins	1,717	3,008	-42.9	14,285	22,781	-37.3	1,471	2,566	-42.7	16,515	30,258	-45.4
Paper Coating & Treating Resins	4,576	5,026	-9.0	35,696	38,958	-8.4	5,012	5,382	-6.9	36,953	40,217	-8.1
Molding Compounds	D2	D2		D2	D2		D2	D2		D2	D2	
Bonding & Adhesive Resins for:	111,709	110,906	0.7	883,177	904,018	-2.3	111,195	109,424	1.6	880,217	902,371	-2.5
Laminating	1,145	1,596	-28.3	10,193	13,646	-25.3	1,078	1,613	-33.2	10,225	14,197	-28.0
Plywood	5,248	5,381	-2.5	40,557	39,533	2.6	5,344	5,337	0.1	40,773	39,897	2.2
Fibrous & Granulated Wood (Particle Board)	105,316	103,929	1.3	832,427	850,839	-2.2	104,773	102,474	2.2	829,219	848,277	-2.2
Protective Coatings (Straight & Modified)	9,717	12,118	-19.8	66,609	70,509	-5.5	10,125	11,929	-15.1	91,307	90,400	1.0
All Other Uses	13,944	14,455	-3.5	101,027	114,948	-12.1	12,883	12,601	2.2	91,503	96,002	-4.7
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	224,682	241,353	-6.9	1,762,709	2,010,445	-12.3	224,313	245,462	-8.6	1,755,317	2,012,292	-12.8
Total Exports	1,174	1,545	-24.0	9,460	16,342	-42.1						
Total Domestic	223,508	239,808	-6.8	1,753,249	1,994,103	-12.1						
Molding Compounds	13,985	15,471	-9.6	103,421	114,274	-9.5	13,525	15,730	-14.0	101,739	126,819	-19.8
Bonding & Adhesive Resins for:	206,207	220,929	-6.7	1,623,365	1,854,259	-12.5	208,508	226,387	-7.9	1,626,647	1,859,646	-12.5
Laminating	12,741	13,860	-8.1	98,181	116,283	-15.6	12,867	14,182	-9.3	98,381	116,632	-15.6
Coated & Bonded Abrasives	D3	2,208		D3	18,333		D3	1,949		D3	18,110	
Friction Materials	2,702	4,266	-36.7	26,402	31,568	-16.4	3,424	4,543	-24.6	25,209	32,507	-22.5
Insulation Materials	33,819	35,439	-4.6	251,389	284,460	-11.6	34,085	35,178	-3.1	251,851	284,275	-11.4
Foundry & Shell Molding	6,736	6,020	11.9	53,075	52,588	0.9	6,765	6,120	10.5	52,763	52,561	0.4
Plywood	D3	D3		D3	D3		D3	D3		D3	D3	
Fibrous and Granulated Wood	D3	D3		D3	D3		D3	D3		D3	D3	
Resins Sold to Rubber Industry	D3	D3		D3	D3		D3	D3		D3	D3	
All Other	150,209	159,136	N/C	1,194,318	1,351,027	N/C	151,367	164,415	N/C	1,198,443	1,355,561	N/C
Protective Coatings - Unmodified & Modified	D2	D2		D2	D2		D2	D2		D2	D2	
Resins Sold to Rubber Ind. - Non Adhesive Uses	D2	D2		D2	D2		D2	D2		D2	D2	
All Other Uses	3,316	3,408	-2.7	26,463	25,570	3.5	2,280	3,345	-31.8	26,931	25,827	4.3

(1) = Phenolic is on a Gross Weight Basis.
N/C = Not Comparable.

D1 = Disclosure: Included in Domestic, Total and All Other Uses.
D2 = Disclosure: Included in All Other Uses.
D3 = Disclosure: Included in All Other Bonding & Adhesive Resins.

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	AUGUST			*YEAR-TO-DATE*			*AUGUST*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
LOW DENSITY POLYETHYLENE - 0.940 & BELOW, TOTAL (6)	673,481	658,260	2.3	4,903,271	4,731,958	3.6	664,508	630,580	5.4	4,900,276	4,934,286	-0.7
Imports, Total							19,244	21,389	-10.0	115,543	124,095	-6.9
Exports, Total	102,079	81,106	25.9	923,323	547,220	68.7						
Domestic, Total	571,402	577,154	-1.0	3,979,948	4,184,738	-4.9	645,264	609,191	5.9	4,784,733	4,810,191	-0.5
Film (12 Mils & Below)	360,176	340,968	5.6	2,364,900	2,472,739	-4.4						
Packaging Film	247,556	229,864	7.7	1,620,698	1,682,524	-3.7						
Food Packaging Film	122,074	96,933	25.9	808,883	781,894	3.5						
Non-Food Packaging Film	107,556	107,218	0.3	652,256	708,052	-7.9						
Shrink Film	13,194	14,093	-6.4	90,878	107,122	-15.2						
Stretch Film	4,732	11,620	-59.3	68,681	85,456	-19.6						
Non-Packaging Film	112,620	111,104	1.4	744,202	790,215	-5.8						
Carry-Out Bags	13,492	16,399	-17.7	94,199	91,616	2.8						
Trash and Can Liners	31,854	35,695	-10.8	229,463	245,217	-6.4						
Other Non-Packaging Film	67,274	59,010	14.0	420,540	453,382	-7.2						
Sheet (Over 12 Mils)	7,603	7,405	2.7	49,297	50,260	-1.9						
Injection Molding	27,973	33,510	-16.5	185,959	249,880	-25.6						
Injection Molded Lids	3,757	7,516	-50.0	33,671	53,978	-37.6						
Injection Molded Housewares	4,689	4,067	15.3	32,671	32,615	0.2						
Other Injection Molding	19,527	21,927	-10.9	119,617	163,287	-26.7						
Wire and Cable	17,462	22,339	-21.8	154,160	165,804	-7.0						
Extrusion Coating	70,464	66,208	6.4	551,317	517,614	6.5						
Blow Molding	7,848	5,592	40.3	46,119	41,794	10.3						
Pipe and Conduit, Total	D5	D5		D5	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	8,164	8,733	-6.5	54,827	60,319	-9.1						
Rotomolding	D2	D2		D2	D2							
Resellers & Compounders, Total	46,021	61,903	-25.7	412,202	381,766	8.0						
Resellers	30,376	44,092	-31.1	281,730	266,891	5.6						
Compounders	15,645	17,811	-12.2	130,472	114,875	13.6						
Adhesives and Sealants	12,172	9,844	23.6	88,516	71,606	23.6						
All Other Uses	13,519	20,652	-34.5	72,651	172,956	-58.0						

D2 = Disclosure: Included in All Other Uses.

(6) = Sales Include Imports.

D = Disclosure

D5 = Disclosure: Included in Other Extruded Products.

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(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	AUGUST			*YEAR-TO-DATE*			*AUGUST*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
LINEAR LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6) (E)	474,122	444,466	6.7	3,194,493	3,077,351	3.8	426,751	403,226	5.8	3,200,244	3,041,741	5.2
Imports, Total							67,633	72,503	-6.7	444,672	568,830	-21.8
Exports, Total	42,503	23,011	84.7	342,784	153,675	123.1						
Domestic, Total	431,619	421,455	2.4	2,851,709	2,923,676	-2.5	359,118	330,723	8.6	2,755,572	2,472,911	11.4
Film (12 Mils & Below)	282,098	270,007	4.5	1,833,862	1,898,561	-3.4						
Packaging Film	133,649	115,598	15.6	828,921	825,285	0.4						
Food Packaging Film	22,765	20,094	13.3	159,216	144,663	10.1						
Non-Food Packaging Film	55,823	66,535	-16.1	324,023	458,140	-29.3						
Shrink Film	D10	D10		D10	D10							
Stretch Film	55,061	28,969	90.1	345,682	222,482	55.4						
Non-Packaging Film	148,449	154,409	-3.9	1,004,941	1,073,276	-6.4						
Carry-Out Bags	22,550	22,859	-1.4	173,267	163,629	5.9						
Trash and Can Liners	103,755	100,786	2.9	681,426	704,011	-3.2						
Other Non-Packaging Film	22,144	30,764	-28.0	150,248	205,636	-26.9						
Sheet (Over 12 Mils)	3,518	5,964	-41.0	38,061	33,050	15.2						
Injection Molding	49,850	55,019	-9.4	361,614	353,996	2.2						
Injection Molded Lids	13,593	17,955	-24.3	109,784	123,494	-11.1						
Injection Molded Housewares	24,244	24,026	0.9	187,328	150,864	24.2						
Other Injection Molding	12,013	13,038	-7.9	64,502	79,638	-19.0						
Wire and Cable	12,805	11,674	9.7	94,707	96,874	-2.2						
Extrusion Coating	D5	D5		D5	D5							
Blow Molding	1,237	1,900	-34.9	8,007	19,511	-59.0						
Pipe and Conduit, Total	3,012	3,796	-20.7	28,410	40,182	-29.3						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	2,649	2,655	-0.2	24,648	21,681	13.7						
Rotomolding	18,481	32,541	-43.2	135,446	219,282	-38.2						
Resellers & Compounders, Total	46,262	25,171	83.8	251,121	159,212	57.7						
Resellers	38,459	11,219	242.8	187,370	75,720	147.5						
Compounders	7,803	13,952	-44.1	63,751	83,492	-23.6						
Adhesives and Sealants	D2	D2		D2	D2							
All Other Uses	11,707	12,728	-8.0	75,833	81,327	-6.8						

D2 = Disclosure: Included in All Other Uses.
D5 = Disclosure: Included in Other Extruded Products.
D10 = Disclosure: Shrink Film is Included in Stretch Film.

(6) = Sales Include Imports.
(E) – Estimate – Data include estimates for one company.

D = Disclosure

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RESIN	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
HIGH DENSITY POLYETHYLENE – ABOVE 0.940. TOTAL (6)	858,580	835,325	2.8	6,026,767 R	5,739,312	5.0	802,993	762,600	5.3	6,190,647 R	5,683,785	8.9
Imports, Total							34,335	38,979	-11.9	224,467 R	257,972	-13.0
Exports, Total	101,510	64,999	56.2	665,958 R	451,062	47.6						
Domestic, Total	757,070	770,326	-1.7	5,360,809 R	5,288,250	1.4	768,658	723,621	6.2	5,966,180	5,425,813	10.0
Film (12 Mils & Below)	91,400	83,247	9.8	624,131 R	590,432	5.7						
Packaging Film	21,900	20,659	6.0	139,846 R	162,737	-14.1						
Food Packaging Film	15,074	14,276	5.6	98,675 R	110,693	-10.9						
Non-Food Packaging Film	6,826	6,383	6.9	41,171 R	52,044	-20.9						
Non-Packaging Film	69,500	62,588	11.0	484,285 R	427,695	13.2						
Retail Bags	57,778	48,547	19.0	404,653 R	330,489	22.4						
Grocery Sacks & T-Shirt Bags	26,964	22,453	20.1	195,046 R	171,684	13.6						
All Other Retail Bags	30,814	9,301	N/C	209,607 R	48,022	N/C						
Trash Bags/Can Liners	D9	16,793		D9	110,783							
All Other Non-Packaging Film	11,722	14,041	-16.5	79,632 R	97,206	-18.1						
Sheet (Over 12 Mils)	26,896	33,226	-19.1	201,732	255,139	-20.9						
Injection Molding, Total	152,882	152,074	0.5	1,117,150	1,069,358	4.5						
Pails (5 gallons or less)	49,431	41,493	19.1	339,484	309,248	9.8						
Housewares	15,218	9,293	63.8	91,119	71,253	27.9						
Food Tubs/Containers & Drink Cups	28,344	28,911	-2.0	202,885	209,476	-3.1						
Crates and Totes	19,390	22,904	-15.3	157,388	150,585	4.5						
Toys/Novelties/Sporting Goods	8,133	5,229	55.5	50,532	40,372	25.2						
Caps and Closures	9,711	10,138	-4.2	67,725	72,487	-6.6						
All Other Injection Molding	22,655	34,106	-33.6	208,017	215,937	-3.7						
Wire and Cable	13,658	15,223	-10.3	99,145	117,000	-15.3						
Blow Molding, Total	271,422	266,458	1.9	1,988,517 R	1,941,874	2.4						
Motor Oil Bottles	18,558	20,411	-9.1	133,172	150,022	-11.2						
Liquid Food Bottles	88,568	90,380	-2.0	653,325	653,953	-0.1						
Household Chemical Bottles	79,608	81,801	-2.7	606,678	594,276	2.1						
Industrial Drums	20,609	13,856	48.7	138,487 R	104,604	32.4						
Gas Tanks, All Uses	4,380	2,903	50.9	26,396 R	22,849	15.5						
Pharm., Cosmetics, & Toiletries	19,917	20,142	-1.1	145,288	148,979	-2.5						
All Other Blow Molding	39,782	36,965	7.6	285,171 R	267,191	6.7						
Pipe and Conduit, Total	53,769	70,939	-24.2	381,261 R	441,622	-13.7						
Corrugated	13,195	9,238	42.8	76,959	73,004	5.4						
Non-Corrugated	40,574	61,701	-34.2	304,302 R	368,618	-17.4						
Gas Distribution	14,970	26,928	-44.4	120,626 R	135,719	-11.1						
Water	11,205	D11		69,920 R	D11							
Industrial/Sewer	11,645	D11		93,346 R	D11							
All Other Non-Corrugated Pipe	2,754	34,773	N/C	20,410 R	232,899	N/C						
Other Extruded Products	9,757	10,195	-4.3	72,396 R	61,680	17.4						
Rotomolding	5,173	7,114	-27.3	50,813	52,319	-2.9						
Reseller & Compounders, Total	101,789	101,388	0.4	628,191 R	557,093	12.8						
Resellers	97,313	97,703	-0.4	594,033 R	521,675	13.9						
Compounders	4,476	3,685	21.5	34,158 R	35,418	-3.6						
All Other HDPE	30,324	30,462	-0.5	197,473 R	201,733	-2.1						

D9 = Disclosure: Included in All Other Retail Bags.

D11 = Disclosure: Included in All Other Non-Corrugated Pipe.

(6) = Sales Include Imports.

N/C = Not Comparable.

R = Revision

Compiled By Ernst & Young, Washington DC, for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
POLYPROPYLENE, TOTAL (7)	764,678	758,284	0.8	5,552,881	5,450,116	1.9	705,190	N/A		5,526,133	N/A	
Imports, Total							6,293	N/A		27,486	N/A	
Exports, Total	137,647	136,507	0.8	1,102,953	1,004,344	9.8						
Domestic, Total	627,031	621,777	0.8	4,449,928	4,445,772	0.1	698,897	653,887	6.9	5,498,647	5,476,009	0.4
Injection Molding, Total	183,222	180,634	1.4	1,304,270	1,308,659	-0.3						
Appliances	16,485	16,804	-1.9	110,322	121,163	-8.9						
Consumer Products	60,182	62,725	-4.1	445,410	429,872	3.6						
Rigid Packaging	66,479	59,085	12.5	459,012	443,831	3.4						
Transportation	24,318	27,009	-10.0	168,975	197,081	-14.3						
All Other Injection Molding	15,758	15,011	5.0	120,551	116,712	3.3						
Blow Molding	11,902	15,377	-22.6	96,312	100,633	-4.3						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below), Total	58,167	52,067	11.7	451,251	395,754	14.0						
Oriented Film	43,141	43,388	-0.6	345,711	319,560	8.2						
Non-Oriented Film	15,026	8,679	73.1	105,540	76,194	38.5						
Sheet (Over 10 Mils), Total	13,096	10,703	22.4	85,241	91,464	-6.8						
Packaging	6,243	D		46,508	D							
Non-Packaging	6,853	D		38,733	D							
Extrusion Coating	2,038	2,271	-10.3	13,636	14,048	-2.9						
Wire and Cable	D5	D5		D5	D5							
Fiber and Filaments, Total	189,516	190,005	-0.3	1,336,570	1,408,700	-5.1						
Textile Applications	176,913	177,561	-0.4	1,258,666	1,325,760	-5.1						
Nonwovens	53,579	45,444	17.9	399,816	394,379	1.4						
Monofilament & Multifilament Fibers	64,988	64,690	0.5	468,474	479,987	-2.4						
Slit Film Fibers	58,346	67,427	-13.5	390,376	451,394	-13.5						
Non-Textile Monofilaments	12,603	12,444	1.3	77,904	82,940	-6.1						
Pipe and Conduit	D5	D5		D5	D5							
Other Extruded Products	7,989	11,126	-28.2	54,490	82,908	-34.3						
Resellers/Distributors/Compounders, Total	154,598	153,538	0.7	1,061,559	1,007,072	5.4						
Resellers	59,601	61,273	-2.7	423,660	386,910	9.5						
Distributors	31,985	37,190	-14.0	230,384	248,011	-7.1						
Compounders	63,012	55,075	14.4	407,515	372,151	9.5						
All Other Uses	6,503	6,056	7.4	46,599	36,534	27.5						

D5 = Disclosure: Included in Other Extruded Products.
(7) = Sales for 1991 include Imports.

N/A = Not Available
D = Disclosure

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	MAY			*YEAR-TO-DATE*			*MAY*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
ABS (ACRYLONITRILE–BUTADIENE–STYRENE), TOTAL	96,055	98,288	-2.3	438,884 R	495,739	-11.5	71,965	107,097	-32.8	401,882 R	480,575	-16.4
SAN (STYRENE–ACRYLONITRILE), TOTAL	10,794	14,233	-24.2	47,510 R	55,764	-14.8	12,445	11,907	4.5	45,435 R	53,355	-14.8
Total Exports	2,908	6,887	-57.8	14,903	19,785	-24.7						
Total Domestic	7,886	7,346	7.4	32,607 R	35,979	-9.4						
OTHER STYRENICS (40% OR MORE STYRENE), TOTAL	13,654	14,807	-7.8	62,328 R	67,162	-7.2	8,392	12,722	-34.0	53,593 R	61,849	-13.3
ABS, SAN, & OTHER STYRENICS, TOTAL	120,503	127,328	-5.4	548,722 R	618,665	-11.3	92,802	131,726	-29.5	500,910 R	595,779	-15.9
Total Exports	20,239	21,720	-6.8	93,238 R	91,605	1.8						
Total Domestic	100,264	105,608	-5.1	455,484 R	527,060	-13.6						
Electrical/Electronics	D2	D2		D2	D2							
Building & Construction	8,899	12,147	-26.7	40,018 R	67,189	-40.4						
Transportation	31,129	36,040	-13.6	129,979 R	164,931	-21.2						
Consumer & Institutional	13,425	14,148	-5.1	59,175 R	68,651	-13.8						
All Other Uses	46,811	43,273	8.2	226,312 R	226,289	0.0						
STYRENE BASED LATEXES, TOTAL (E)*	95,959	95,677	0.3	443,393	461,621	-3.9	84,718	84,267	0.5	412,232	434,868	-5.2
Carpet Backing	38,475	38,149	0.9	164,611	173,096	-4.9						
All Other Uses	57,484	57,526	-0.1	278,782	288,525	-3.4						
NYLON RESINS, TOTAL(6)	56,874	52,623	8.1	253,824 R	235,695	7.7	N/A	N/A		N/A	N/A	
Imports, Total							N/A	N/A		N/A	N/A	
Exports, Total	9,480	7,731	22.6	37,671 R	28,403	32.6						
Domestic, Total	47,394	44,892	5.6	216,153 R	207,292	4.3	46,638	51,787	-9.9	228,729 R	238,387	-4.1
Injection Molding Grade	28,194	25,914	8.8	130,434 R	121,014	7.8						
Extrusion Grade	14,535	14,264	1.9	65,853 R	65,848	0.0						
Resellers & Compounders	3,591	3,661	-1.9	15,011 R	16,827	-10.8						
All Other Uses	1,074	1,053	2.0	4,855	3,603	34.7						
Nylon End–Uses, Total	47,394	44,892	5.6	216,153 R	207,292	4.3						
Automotive and Truck	16,482	15,237	8.2	75,113 R	68,315	10.0						
Electrical and Electronic	5,106	5,212	-2.0	23,757 R	25,481	-6.8						
Appliances	1,555	1,295	20.1	7,250	5,677	27.7						
Film and Coating	6,431	6,962	-7.6	31,022	30,789	0.8						
Wire and Cable	3,012	2,965	1.6	13,842	15,051	-8.0						
Monofilament	2,079	1,684	23.5	9,421 R	9,262	1.7						
Consumer	3,077	1,960	57.0	10,338 R	8,276	24.9						
Industrial/Machinery	3,633	3,870	-6.1	18,615 R	18,772	-0.8						
All Other End–Uses	6,019	5,707	5.5	26,795 R	25,669	4.4						

E = Estimate – Data include estimates for one company.
*** – Styrene Based Latexes Sales include some Canadian produced material.**
D2 = Disclosure: Included in All Other Uses.
R = Revision

N/A = Not Available.
(6) – Includes sales from imports.

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (DRY RESIN CONTENT)	788,816	783,817	0.6	3,632,559	3,876,282	-6.3	770,631	789,646	-2.4	3,557,052	3,806,108	-6.5
Homopolymer Resins, Including Blending & Latex	729,537	722,165	1.0	3,352,715	3,580,569	-6.4	709,653	725,765	-2.2	3,247,740	3,492,353	-7.0
Copolymer Resins, Including Blending & Latex	15,059	18,488	-18.5	72,317	92,575	-21.9	15,597	18,294	-14.7	95,214	92,706	2.7
Dispersion Resins	44,220	43,164	2.4	207,527	203,138	2.2	45,381	45,587	-0.5	214,098	221,049	-3.1
Exports, Total	118,668	68,441	73.4	637,518	397,208	60.5						
Domestic, Total	670,148	715,376	-6.3	2,995,041	3,479,074	-13.9						
Calendering, Total	88,076	82,973	6.2	405,659	424,669	-4.5						
Flooring	17,109	20,024	-14.6	82,735	97,446	-15.1						
Textile	8,314	8,913	-6.7	42,752	47,616	-10.2						
All Other Calendering Uses	62,653	54,036	15.9	280,172	279,607	0.2						
Coating, Total	28,844	30,264	-4.7	127,601	140,959	-9.5						
Flooring	13,924	14,510	-4.0	61,100	61,228	-0.2						
Textile and Paper Coating	8,698	7,725	12.6	38,133	39,202	-2.7						
Protective Coatings	3,927	3,925	0.1	16,735	20,583	-18.7						
Adhesives & All Other Coating Uses	2,295	4,104	-44.1	11,633	19,946	-41.7						
Extrusion, Total	457,452	489,876	-6.6	2,014,779	2,364,920	-14.8						
Wire and Cable	28,418	32,119	-11.5	141,909	169,787	-16.4						
Film and Sheet, Packaging	25,257	25,581	-1.3	114,281	139,027	-17.8						
Film and Sheet, Non-Packaging	3,936	2,712	45.1	20,071	18,348	9.4						
Siding, Siding Acc. & Mobile Home Skirting	73,593	67,035	9.8	312,986	352,990	-11.3						
Rigid Pipe and Tubing (except fittings)	274,791	312,849	-12.2	1,204,163	1,436,252	-16.2						
Extruded Windows and Doors	10,325	N/A		41,992	N/A							
All Other Extrusion Uses	41,132	49,580	N/C	179,377	248,516	N/C						
Molding, Total	40,151	43,711	-8.1	192,564	223,629	-13.9						
Bottles	16,600	18,739	-11.4	83,614	94,836	-11.8						
Fittings (Rigid Pipe and Tubing)	17,515	15,601	12.3	78,409	71,151	10.2						
All Other Molding Uses	6,036	9,371	-35.6	30,541	57,642	-47.0						
Paste Processes (except coating), Total	16,744	17,141	-2.3	76,253	76,499	-0.3						
Plastisol Formulation	9,675	8,995	7.6	42,859	40,607	5.5						
All Other Paste Process Uses	7,069	8,146	-13.2	33,394	35,892	-7.0						
Resellers & Compounders	33,616	36,215	-7.2	154,956	162,991	-4.9						
All Other Uses	5,265	15,196	-65.4	23,229	85,407	-72.8						

N/A – Not Available

N/C = Not Comparable

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	MAY			*YEAR-TO-DATE*			*MAY*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)												
Exports, Total												
Domestic, Total												
Emulsion Paints												
Adhesives, Caulks and Sealants												
Paper Treating & Paper Coating												
Textile Treating												
Non-Woven Binders												
All Other Uses												
POLYVINYL ALCOHOL, TOTAL (3)												
Exports, Total												
Domestic, Total												
OTHER VINYL RESINS, TOTAL (4)	15,265	17,656	-13.5	73,570 R	83,200	-11.6	17,864	18,556	-3.7	78,120 R	97,149	-19.6
Exports, Total	7,812	7,380	5.9	34,119 R	30,384	12.3						
Domestic, Total	7,453	10,276	-27.5	39,451 R	52,816	-25.3						
THERMOPLASTIC POLYESTER, TOTAL (6)	181,145	171,756	5.5	835,321	780,111	7.1	175,011	156,174	12.1	815,820	760,743	7.2
Exports, Total	43,463	34,463	26.1	215,275	147,508	45.9						
PET Bottle Grade Resin, Exports	D	D		D	D							
All Other Exports	D	D		D	D							
Domestic, Total	137,682	137,293	0.3	620,046	632,603	-2.0						
Domestic PET	N.R.	N.R.		N.R.	N.R.							
Solid State Phase Resin	D12	D12		D12	D12							
PET Bottle Grades	92,960	93,477	-0.6	419,320	437,245	-4.1						
PET/PBT Resellers & Compounders	N.R.4	N.R.4		N.R.4	N.R.4							
All Other Thermoplastic Polyester	44,722	43,816	2.1	200,726	195,358	2.7						

(2) – The publishing of PVAC data has been suspended.
(3) – The publishing of PVOH data has been suspended.
(4) – Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.
D12 = Disclosure: Included in All Other Thermoplastic Polyester.
N.R.4 = Not Reported: Included in All Other Thermoplastic Polyester.

R = Revision
N.R. = Not Reported
D = Disclosure
(6) – Includes sales from imports.

AR2-5A

The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

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FOR THE MONTH AND PERIOD ENDED
June 30, 1991

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING & THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

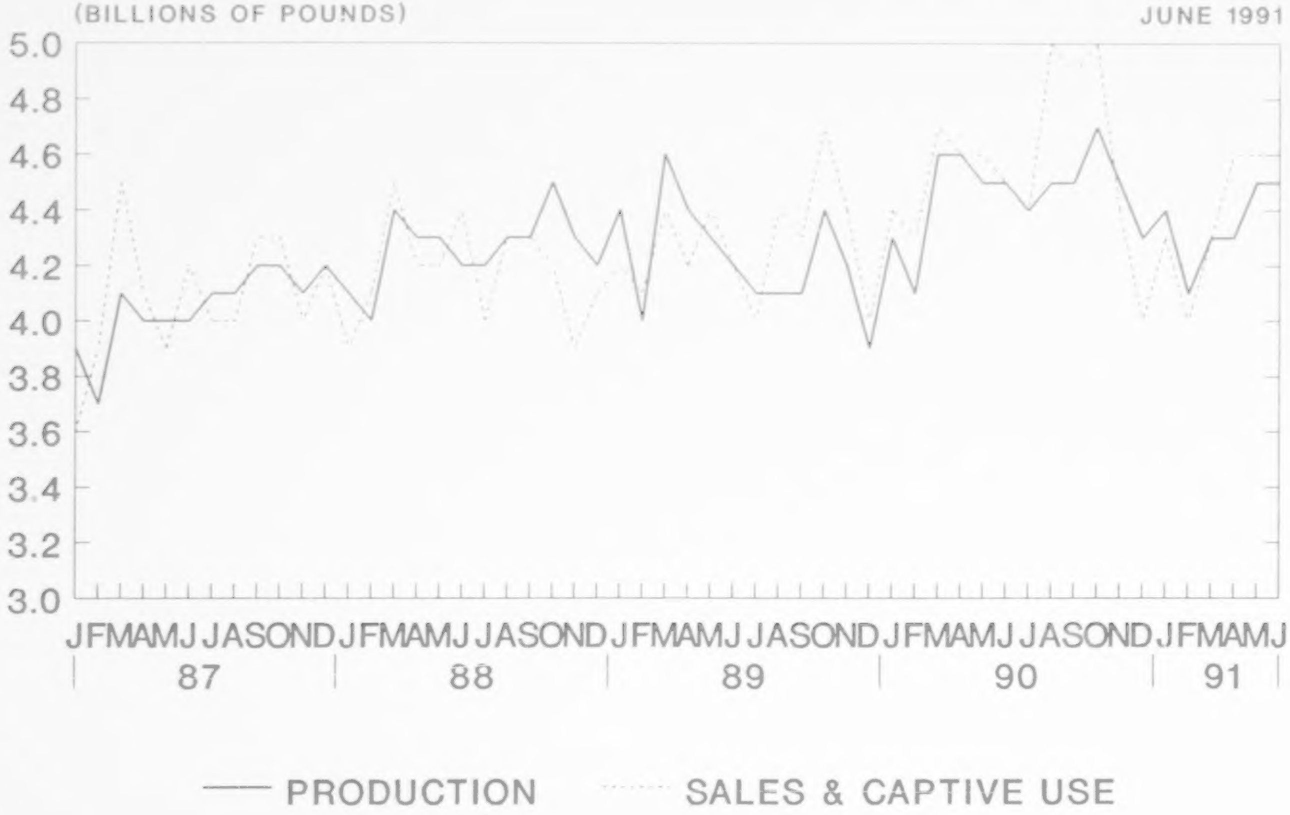
NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: August 14, 1991

THE SOCIETY OF THE PLASTICS INDUSTRY

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS



THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

MONTHLY STATISTICAL REPORT

(Thousands of pounds, dry weight basis)(1)

JUNE 1991

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	JUNE			*YEAR-TO-DATE*			*JUNE*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
EPOXY RESIN, TOTAL	40,094	45,334	-11.6	239,196	247,425	-3.3	44,491	39,612	12.3	244,744	254,066	-3.7
POLYESTER (UNSATURATED) RESINS, TOTAL	92,067	106,955	-13.9	534,622	658,437	-18.8	92,935	107,995	-13.9	533,672	665,118	-19.8
UREA RESINS, TOTAL	123,585	132,672	-6.8	733,023	785,794	-6.7	127,117	130,078	-2.3	736,353	779,662	-5.6
MELAMINE RESINS, TOTAL	14,136	14,905	-5.2	83,880	85,219	-1.6	16,268	18,927	-14.0	102,058	100,321	1.7
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	233,039	253,639	-8.1	1,290,246	1,515,317	-14.9	234,232	254,247	-7.9	1,287,751	1,513,886	-14.9
THERMOSETTING RESINS, TOTAL	502,921	553,505	-9.1	2,880,967	3,292,192	-12.5	515,043	550,859	-6.5	2,904,578	3,313,053	-12.3
LOW-DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	633,493	560,467	13.0	3,522,543	3,509,911	0.4	566,051	590,973	-4.2	3,505,283	3,578,751	-2.1
LINEAR-LOW DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	378,750	364,506	3.9	2,241,546	2,269,519	-1.2	292,306	342,322	-14.6	2,052,131	1,838,445	11.6
HIGH-DENSITY POLYETHYLENE (ABOVE 0.940), TOTAL (6)	742,374	696,560	6.6	4,361,250	4,175,671	4.4	776,237	666,577	16.5	4,406,044	3,986,741	10.5
POLYPROPYLENE, TOTAL (7)	657,157	652,137	0.8	4,043,287	4,055,859	-0.3	692,954	693,536	-0.1	4,073,364	4,161,289	-2.1
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	92,951	96,419	-3.6	531,835	592,158	-10.2	85,347	97,764	-12.7	487,229	578,339	-15.8
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	9,930	11,322	-12.3	57,440	67,086	-14.4	8,982	10,750	-16.4	54,417	64,105	-15.1
POLYSTYRENE RESINS, TOTAL	405,265	420,982	-3.7	2,348,691	2,573,635	-8.7	393,193	424,697	-7.4	2,341,852	2,500,049	-6.3
STYRENE BASED LATEXES, TOTAL **	91,647	95,995	-4.5	532,861 R	557,616	-4.4	88,835	88,070	0.9	502,788 R	522,938	-3.9
OTHER STYRENICS, TOTAL (40% or More Styrene)	12,814	12,519	2.4	75,142	79,681	-5.7	9,669	12,368	-21.8	63,262	74,217	-14.8
NYLON RESINS (6)	56,718	50,484	12.3	310,542	286,179	8.5	47,244	50,570	-6.6	275,973	288,957	-4.5
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	792,606	764,447	3.7	4,425,165	4,640,729	-4.6	791,193	761,797	3.9	4,348,245	4,567,905	-4.8
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)	N/A	N/A		N/A	N/A		N/A	N/A		N/A	N/A	
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
OTHER VINYL RESINS (4)	17,132	15,210	12.6	90,702	98,410	-7.8	16,502	15,089	9.4	94,622	112,238	-15.7
THERMOPLASTIC POLYESTER, TOTAL (6)	170,844	166,754	2.5	1,003,876 R	946,865	6.0	179,641	164,515	9.2	999,805 R	925,258	8.1
THERMOPLASTIC RESINS, TOTAL	**4,061,681**	**3,907,802**	**3.9**	**23,544,880 R**	**23,853,319**	**-1.3**	**3,948,154**	**3,919,028**	**0.7**	**23,205,016 R**	**23,199,232**	**0.0**
GRAND TOTAL	**4,564,602**	**4,461,307**	**2.3**	**26,425,847 R**	**27,145,511**	**-2.7**	**4,463,197**	**4,469,887**	**-0.1**	**26,109,593 R**	**26,512,285**	**-1.5**

(1) = Except phenolic resins which are reported on a gross weight basis.

** = Sales and Captive Use figures include some Canadian produced materials.

(2) = The publishing of PVAC has been suspended.

D = Disclosure

R = Revision

(3) = The publishing of PVOH data has been suspended.

(4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

(6) = Data Includes Sales from Imports.

(7) = 1991 Data Includes Sales from Imports.

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	JUNE			*YEAR-TO-DATE*			*JUNE*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
EPOXY RESIN, TOTAL	40,094	45,334	-11.6	239,196	247,425	-3.3	44,491	39,612	12.3	244,744	254,066	-3.7
Exports, Total	7,229	6,678	8.3	45,555	41,058	11.0						
Captive Use, Total	1,574	1,301	21.0	8,758	8,473	3.4						
Domestic Sales, Total	31,291	37,355	-16.2	184,883	197,894	-6.6						
Domestic Sales & Captive Use,Total	32,865	38,656	-15.0	193,641	206,367	-6.2						
Bonding & Adhesives	2,262	2,712	-16.6	13,028	14,673	-11.2						
Flooring, Paving & Exposed Aggregate	1,991	2,666	-25.3	13,397	14,401	-7.0						
Protective Coatings	16,438	19,851	-17.2	96,419	101,657	-5.2						
Fiber Reinforced Laminates & Composites	6,770	7,466	-9.3	38,342	43,294	-11.4						
FRL&C for Printed Wiring Board	4,197	4,766	-11.9	23,578	28,401	-17.0						
All Other FRL&C	2,573	2,700	-4.7	14,764	14,893	-0.9						
Tooling, Casting & Molded Resins	2,181	2,912	-25.1	12,543	14,061	-10.8						
All Other Uses	3,223	3,049	5.7	19,912	18,281	8.9						
POLYESTER (UNSATURATED) RESINS, TOTAL	92,067	106,955	-13.9	534,622	658,437	-18.8	92,935	107,995	-13.9	533,672	665,118	-19.8
Total Exports	1,676	1,977	-15.2	9,667	11,839	-18.3						
Total Domestic	90,391	104,978	-13.9	524,955	646,598	-18.8						
General Purpose Resins, Total	76,826	90,520	-15.1	446,378	559,058	-20.2						
General Purpose - Thixotropic	26,947	34,848	-22.7	160,391	214,538	-25.2						
General Purpose - Press Molding	10,045	12,230	-17.9	58,615	73,931	-20.7						
General Purpose - Panel	7,003	7,160	-2.2	39,732	44,330	-10.4						
General Purpose - All Other	32,831	36,282	-9.5	187,640	226,259	-17.1						
Flame Retardant Resins	1,634	2,134	-23.4	9,625	12,009	-19.9						
Chemical Resistant Resins, Total	11,931	12,324	-3.2	68,952	75,531	-8.7						
Chemical Resistant Isophthalic Resins	8,429	8,640	-2.4	47,008	53,746	-12.5						
All Other Chemical Resistant Resins	3,502	3,684	-4.9	21,944	21,785	0.7						
Reinforced Plastic, Total	64,444	77,014	-16.3	374,483 R	478,264	-21.7						
Non-Reinforced Plastics, Total	25,947	27,964	-7.2	150,472 R	168,334	-10.6						

R = Revision

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)(1)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	JUNE			*YEAR-TO-DATE*			*JUNE*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
UREA RESINS, TOTAL	123,585	132,672	-6.8	733,023	785,794	-6.7	127,117	130,078	-2.3	736,353	779,662	-5.6
MELAMINE RESINS, TOTAL	14,136	14,905	-5.2	83,880	85,219	-1.6	16,268	18,927	-14.0	102,058	100,321	1.7
UREA & MELAMINE RESINS, TOTAL	137,721	147,577	-6.7	816,903	871,013	-6.2	143,385	149,005	-3.8	838,411	879,983	-4.7
Total Exports	D1	D1		D1	D1							
Total Domestic	137,721	147,577	-6.7	816,903	871,013	-6.2						
Textile Coating & Treating Resins	1,035	2,427	-57.4	9,693	17,207	-43.7	2,347	3,336	-29.6	12,368	23,863	-48.2
Paper Coating & Treating Resins	4,741	5,889	-19.5	27,193	29,513	-7.9	4,955	6,146	-19.4	27,856	30,330	-8.2
Molding Compounds	D2	D2		D2	D2		D2	D2		D2	D2	
Bonding & Adhesive Resins for:	110,966	116,381	-4.7	659,147	689,289	-4.4	114,004	115,165	-1.0	660,996	688,091	-3.9
Laminating	1,017	1,236	-17.7	7,806	10,773	-27.5	1,132	1,362	-16.9	7,913	11,176	-29.2
Plywood	5,350	5,692	-6.0	30,243	29,817	1.4	5,340	5,749	-7.1	30,234	30,214	0.1
Fibrous & Granulated Wood (Particle Board)	104,599	109,453	-4.4	621,098	648,699	-4.3	107,532	108,054	-0.5	622,849	646,701	-3.7
Protective Coatings (Straight & Modified)	8,355	9,041	-7.6	48,103	49,587	-3.0	11,108	13,561	-18.1	71,248	67,385	5.7
All Other Uses	12,624	13,839	-8.8	72,767	85,417	-14.8	10,971	10,797	1.6	65,943	70,314	-6.2
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	233,039	253,639	-8.1	1,290,246	1,515,317	-14.9	234,232	254,247	-7.9	1,287,751	1,513,886	-14.9
Total Exports	1,322	1,845	-28.3	6,866	12,652	-45.7						
Total Domestic	231,717	251,794	-8.0	1,283,380	1,502,665	-14.6						
Molding Compounds	12,649	14,343	-11.8	76,893	87,011	-11.6	14,377	16,143	-10.9	77,879	99,048	-21.4
Bonding & Adhesive Resins for:	215,875	234,578	-8.0	1,186,367	1,396,877	-15.1	216,448	235,383	-8.0	1,188,133	1,395,808	-14.9
Laminating	11,944	14,499	-17.6	71,902	88,326	-18.6	11,681	14,409	-18.9	71,780	88,311	-18.7
Coated & Bonded Abrasives	D3	2,402		D3	14,508		D3	2,571		D3	14,393	
Friction Materials	3,599	4,107	-12.4	20,611	23,652	-12.9	3,195	4,352	-26.6	18,734	24,199	-22.6
Insulation Materials	30,987	35,384	-12.4	183,369	213,703	-14.2	31,238	35,474	-11.9	183,656	213,070	-13.8
Foundry & Shell Molding	7,802	7,781	0.3	40,693	40,069	1.6	7,799	7,740	0.8	40,385	39,498	2.2
Plywood	D3	D3		D3	D3		D3	D3		D3	D3	
Fibrous and Granulated Wood	D3	D3		D3	D3		D3	D3		D3	D3	
Resins Sold to Rubber Industry	D3	D3		D3	D3		D3	D3		D3	D3	
All Other	161,543	170,405	N/C	869,792	1,016,619	N/C	162,535	170,837	N/C	873,578	1,016,337	N/C
Protective Coatings - Unmodified & Modified	D2	D2		D2	D2		D2	D2		D2	D2	
Resins Sold to Rubber Ind. - Non Adhesive Uses	D2	D2		D2	D2		D2	D2		D2	D2	
All Other Uses	3,193	2,873	11.1	20,120	18,777	7.2	3,407	2,721	25.2	21,739	19,030	14.2

D1 = Disclosure: Included in Domestic, Total and All Other Uses.
D2 = Disclosure: Included in All Other Uses.
D3 = Disclosure: Included in All Other Bonding & Adhesive Resins.

(1) = Phenolic is on a Gross Weight Basis.
N/C = Not Comparable.

Compiled By Ernst & Young, Washington DC, for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR-TO-DATE			JUNE			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
LOW DENSITY POLYETHYLENE - 0.940 & BELOW, TOTAL (6)	633,493	560,467	13.0	3,522,543	3,509,911	0.4	578,700	604,384	-4.2	3,578,586	3,662,710	-2.3
Imports, Total							12,649	13,411	-5.7	73,303	83,959	-12.7
Exports, Total	139,104	63,675	118.5	678,111	398,618	70.1						
Domestic, Total	494,389	496,792	-0.5	2,844,432	3,111,293	-8.6	566,051	590,973	-4.2	3,505,283	3,578,751	-2.1
Film (12 Mils & Below)	289,764	286,060	1.3	1,657,941	1,833,335	-9.6						
Packaging Film	194,351	196,357	-1.0	1,129,044	1,250,159	-9.7						
Food Packaging Film	96,646	88,046	9.8	558,072	594,814	-6.2						
Non-Food Packaging Film	76,831	85,267	-9.9	450,629	513,207	-12.2						
Shrink Film	13,134	14,815	-11.3	65,874	79,031	-16.6						
Stretch Film	7,740	8,229	-5.9	54,469	63,107	-13.7						
Non-Packaging Film	95,413	89,703	6.4	528,897	583,176	-9.3						
Carry-Out Bags	12,172	13,226	-8.0	65,906	60,104	9.7						
Trash and Can Liners	31,819	26,994	17.9	161,377	179,251	-10.0						
Other Non-Packaging Film	51,422	49,483	3.9	301,614	343,821	-12.3						
Sheet (Over 12 Mils)	6,899	6,897	0.0	35,159	37,430	-6.1						
Injection Molding	26,284	33,479	-21.5	131,138	188,549	-30.4						
Injection Molded Lids	4,416	7,138	-38.1	25,351	40,624	-37.6						
Injection Molded Housewares	3,485	4,616	-24.5	23,574	24,758	-4.8						
Other Injection Molding	18,383	21,725	-15.4	82,213	123,167	-33.3						
Wire and Cable	15,513	21,828	-28.9	106,335	125,196	-15.1						
Extrusion Coating	65,823	62,009	6.2	412,022	388,264	6.1						
Blow Molding	5,082	5,045	0.7	32,917	31,304	5.2						
Pipe and Conduit, Total	D5	D5		D5	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	6,100	6,827	-10.6	39,327	43,262	-9.1						
Rotomolding	D2	D2		D2	D2							
Resellers & Compounders, Total	56,741	44,722	26.9	311,280	274,813	13.3						
Resellers	38,597	30,502	26.5	213,304	194,444	9.7						
Compounders	18,144	14,220	27.6	97,976	80,369	21.9						
Adhesives and Sealants	9,844	8,548	15.2	64,953	54,292	19.6						
All Other Uses	12,339	21,377	-42.3	53,360	134,848	-60.4						

D2 = Disclosure: Included in All Other Uses.

D5 = Disclosure: Included in Other Extruded Products.

(6) = Sales Include Imports.

D = Disclosure

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	JUNE			*YEAR-TO-DATE*			*JUNE*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
LINEAR LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	378,750	364,506	3.9	2,241,546	2,269,519	-1.2	340,394	427,207	-20.3	2,368,085	2,263,968	4.6
Imports, Total							48,088	84,885	-43.3	315,954	425,523	-25.7
Exports, Total	47,596	18,450	158.0	247,682	108,920	127.4						
Domestic, Total	331,154	346,056	-4.3	1,993,864	2,160,599	-7.7	292,306	342,322	-14.6	2,052,131	1,838,445	11.6
Film (12 Mils & Below)	220,526	225,478	-2.2	1,293,160	1,409,209	-8.2						
Packaging Film	95,497	95,371	0.1	577,398	612,178	-5.7						
Food Packaging Film	22,088	17,744	24.5	111,183	108,882	2.1						
Non-Food Packaging Film	37,198	52,776	-29.5	220,302	336,482	-34.5						
Shrink Film	D10	D10		D10	D10							
Stretch Film	36,211	24,851	45.7	245,913	166,814	47.4						
Non-Packaging Film	125,029	130,107	-3.9	715,762	797,031	-10.2						
Carry-Out Bags	20,954	18,139	15.5	124,973	121,097	3.2						
Trash and Can Liners	78,489	86,636	-9.4	480,669	521,605	-7.8						
Other Non-Packaging Film	25,586	25,332	1.0	110,120	154,329	-28.6						
Sheet (Over 12 Mils)	796	3,909	-79.6	26,364	24,197	9.0						
Injection Molding	37,777	43,922	-14.0	259,409	250,444	3.6						
Injection Molded Lids	10,036	13,115	-23.5	79,529	89,226	-10.9						
Injection Molded Housewares	21,194	21,046	0.7	138,957	104,314	33.2						
Other Injection Molding	6,547	9,761	-32.9	40,923	56,904	-28.1						
Wire and Cable	8,237	11,693	-29.6	57,463	75,439	-23.8						
Extrusion Coating	D5	D5		D5	D5							
Blow Molding	643	3,157	-79.6	5,698	15,853	-64.1						
Pipe and Conduit, Total	3,323	5,436	-38.9	20,310	31,422	-35.4						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	2,888	2,409	19.9	18,804	16,507	13.9						
Rotomolding	16,044	21,796	-26.4	99,834	157,767	-36.7						
Resellers & Compounders, Total	31,634	17,693	78.8	158,852	117,391	35.3						
Resellers	24,721	8,292	198.1	108,913	58,117	87.4						
Compounders	6,913	9,401	-26.5	49,939	59,274	-15.7						
Adhesives and Sealants	D2	D2		D2	D2							
All Other Uses	9,286	10,563	-12.1	53,970	62,370	-13.5						

D2 = Disclosure: Included in All Other Uses.

D5 = Disclosure: Included in Other Extruded Products.

D10 = Disclosure: Shrink Film is Included in Stretch Film.

(6) = Sales Include Imports.

D = Disclosure

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	JUNE			*YEAR-TO-DATE*			*JUNE*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
HIGH DENSITY POLYETHYLENE – ABOVE 0.940. TOTAL (6)	742,374	696,560	6.6	4,361,250	4,175,671	4.4	807,649	703,818	14.8	4,564,206	4,164,652	9.6
Imports, Total							31,412	37,241	-15.7	158,162	177,911	-11.1
Exports, Total	77,456	55,849	38.7	461,256	330,282	39.7						
Domestic, Total	664,918	640,711	3.8	3,899,994	3,845,389	1.4	776,237	666,577	16.5	4,406,044	3,986,741	10.5
Film (12 Mils & Below)	76,315	66,619	14.6	450,266	435,495	3.4						
Packaging Film	16,044	17,589	-8.8	101,188	124,965	-19.0						
Food Packaging Film	11,489	12,818	-10.4	71,908	84,136	-14.5						
Non-Food Packaging Film	4,555	4,771	-4.5	29,280	40,829	-28.3						
Non-Packaging Film	60,271	49,030	22.9	349,078	310,530	12.4						
Retail Bags	50,844	37,057	37.2	289,699	241,433	20.0						
Grocery Sacks & T-Shirt Bags	26,418	20,520	28.7	140,204	127,332	10.1						
All Other Retail Bags	24,426	5,633	N/C	149,495	33,643	N/C						
Trash Bags/Can Liners	D9	10,904		D9	80,458							
All Other Non-Packaging Film	9,427	11,973	-21.3	59,379	69,097	-14.1						
Sheet (Over 12 Mils)	25,661	31,408	-18.3	150,484	190,734	-21.1						
Injection Molding, Total	138,126	132,794	4.0	812,767	769,947	5.6						
Pails (5 gallons or less)	39,538	38,811	1.9	244,295	227,243	7.5						
Housewares	12,647	7,243	74.6	60,529	49,544	22.2						
Food Tubs/Containers & Drink Cups	24,517	25,768	-4.9	149,553	152,029	-1.6						
Crates and Totes	18,311	20,247	-9.6	116,817	106,022	10.2						
Toys/Novelties/Sporting Goods	5,974	4,890	22.2	35,102	31,544	11.3						
Caps and Closures	7,997	8,309	-3.8	49,003	54,083	-9.4						
All Other Injection Molding	29,142	27,526	5.9	157,468	149,482	5.3						
Wire and Cable	11,165	14,822	-24.7	69,485	88,413	-21.4						
Blow Molding, Total	250,747	235,684	6.4	1,437,660	1,440,455	-0.2						
Motor Oil Bottles	16,189	19,454	-16.8	94,471	112,469	-16.0						
Liquid Food Bottles	78,760	80,317	-1.9	477,254	480,593	-0.7						
Household Chemical Bottles	82,060	73,264	12.0	436,055	440,783	-1.1						
Industrial Drums	19,087	12,219	56.2	97,920	77,934	25.6						
Gas Tanks, All Uses	3,181	2,483	28.1	17,668	16,186	9.2						
Pharm., Cosmetics, & Toiletries	17,305	17,173	0.8	105,917	112,756	-6.1						
All Other Blow Molding	34,165	30,774	11.0	208,375	199,734	4.3						
Pipe and Conduit, Total	51,186	50,785	0.8	284,856	306,207	-7.0						
Corrugated	11,277	9,497	18.7	51,771	55,192	-6.2						
Non-Corrugated	39,909	41,288	-3.3	233,085	251,015	-7.1						
Gas Distribution	14,168	17,967	-21.1	88,246	94,673	-6.8						
Water	7,505	D11		49,379	D11							
Industrial/Sewer	15,048	D11		81,230	D11							
All Other Non-Corrugated Pipe	3,188	23,321	N/C	14,230	156,342	N/C						
Other Extruded Products	6,991	7,848	-10.9	53,746	43,973	22.2						
Rotomolding	6,341	8,704	-27.1	51,894	39,498	31.4						
Reseller & Compounders, Total	70,948	65,101	9.0	441,966	382,026	15.7						
Resellers	66,756	59,377	12.4	415,447	356,878	16.4						
Compounders	4,192	5,724	-26.8	26,519	25,148	5.5						
All Other HDPE	27,438	26,946	1.8	146,870	148,641	-1.2						

D9 = Disclosure: Included in All Other Retail Bags.
D11 = Disclosure: Included in All Other Non-Corrugated Pipe.
(6) = Sales Include Imports.
N/C = Not Comparable.

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THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	JUNE			*YEAR-TO-DATE*			*JUNE*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
POLYPROPYLENE, TOTAL (7)	657,157	652,137	0.8	4,043,287	4,055,859	-0.3	696,478	N/A		4,090,035	N/A	
Imports, Total							3,524	N/A		16,671	N/A	
Exports, Total	131,747	118,549	11.1	805,760	754,543	6.8						
Domestic, Total	525,410	533,588	-1.5	3,237,527	3,301,316	-1.9	692,954	693,536	-0.1	4,073,364	4,161,289	-2.1
Injection Molding, Total	152,695	155,786	-2.0	954,811	979,626	-2.5						
Appliances	12,197	13,096	-6.9	81,496	91,175	-10.6						
Consumer Products	51,005	52,597	-3.0	336,783	319,074	5.6						
Rigid Packaging	52,652	51,591	2.1	328,817	333,586	-1.4						
Transportation	22,090	24,654	-10.4	118,752	147,721	-19.6						
All Other Injection Molding	14,751	13,848	6.5	88,963	88,070	1.0						
Blow Molding	11,184	11,848	-5.6	74,370	72,375	2.8						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below), Total	51,708	49,449	4.6	332,636	292,983	13.5						
Oriented Film	40,269	39,732	1.4	255,186	234,560	8.8						
Non-Oriented Film	11,439	9,717	17.7	77,450	58,423	32.6						
Sheet (Over 10 Mils), Total	9,010	10,845	-16.9	61,782	70,221	-12.0						
Packaging	4,416	D		34,873	D							
Non-Packaging	4,594	D		26,909	D							
Extrusion Coating	1,379	1,773	-22.2	10,475	10,006	4.7						
Wire and Cable	D5	D5		D5	D5							
Fiber and Filaments, Total	148,604	162,400	-8.5	968,374	1,045,346	-7.4						
Textile Applications	138,825	156,134	-11.1	913,993	983,223	-7.0						
Nonwovens	43,361	43,811	-1.0	287,485	299,772	-4.1						
Monofilament & Multifilament Fibers	60,911	58,766	3.7	344,680	356,399	-3.3						
Slit Film Fibers	34,553	53,557	-35.5	281,828	327,052	-13.8						
Non-Textile Monofilaments	9,779	6,266	56.1	54,381	62,123	-12.5						
Pipe and Conduit	D5	D5		D5	D5							
Other Extruded Products	5,711	11,254	-49.3	38,214	61,899	-38.3						
Resellers/Distributors/Compounders, Total	139,714	127,434	9.6	762,652	741,730	2.8						
Resellers	57,247	46,147	24.1	306,939	284,381	7.9						
Distributors	26,435	36,573	-27.7	166,375	184,517	-9.8						
Compounders	56,032	44,714	25.3	289,338	272,832	6.0						
All Other Uses	5,405	2,799	93.1	34,213	27,130	26.1						

D5 = Disclosure: Included in Other Extruded Products.
(7) = Sales for 1991 Include Imports.

N/A = Not Available
D = Disclosure

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RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	JUNE			*YEAR-TO-DATE*			*JUNE*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
POLYSTYRENE RESINS, TOTAL	405,265	420,982	-3.7	2,348,691	2,573,635	-8.7	393,193	424,697	-7.4	2,341,852	2,500,049	-6.3
Crystal (Solid) Polystyrene	163,627	230,401	N/C	937,189	1,380,748	N/C	139,135	162,716	-14.5	910,437	987,860	-7.8
Rubber Modified Polystyrene	183,658	190,581	-3.6	1,088,754	1,192,887	-8.7	197,257	208,115	-5.2	1,118,352	1,152,672	-3.0
Expandable Polystyrene	57,980	D13		322,748	D13		56,801	53,866	5.4	313,063	359,517	-12.9
Exports, Total	19,860	17,029	16.6	117,789	82,107	43.5						
Crystal (Solid) Polystyrene	5,383	10,187	N/C	38,668	45,353	N/C						
Rubber Modified Polystyrene	8,663	6,842	26.6	45,729	36,754	24.4						
Expandable Polystyrene	5,814	D13		33,392	D13							
Domestic, Total	385,405	403,953	-4.6	2,230,902	2,491,528	-10.5						
Molding	137,499	137,835	-0.2	784,019	857,948	-8.6						
Extrusion	185,213	195,885	-5.4	1,083,872	1,218,681	-11.1						
Expandable Polystyrene	52,166	57,399	-9.1	289,356	340,044	-14.9						
Block	21,770	24,343	-10.6	109,495	125,620	-12.8						
Shape	10,946	11,853	-7.7	64,398	76,839	-16.2						
Loose Fill	D6	D6		D6	D6							
Other EPS	19,450	21,203	-8.3	115,463	137,585	-16.1						
All Other Uses	10,527	12,834	-18.0	73,655	74,855	-1.6						
Polystyrene End-Uses, Total	385,405	403,953	-4.6	2,230,902	2,491,528	-10.5						
Packaging & One Time Use	153,983	163,439	-5.8	865,395 R	988,466	-12.5						
Consumer & Institutional Products	41,035	41,543	-1.2	252,951 R	277,025	-8.7						
Electrical/Electronics	55,436	55,080	0.6	324,223 R	341,070	-4.9						
Furniture,Furnishings,Bldg. & Construction	20,002	22,354	-10.5	119,036 R	140,958	-15.6						
Expandable Polystyrene	52,166	57,399	-9.1	289,356	340,044	-14.9						
Resellers and Compounders	54,471	51,641	5.5	323,231 R	319,082	1.3						
All Other End-Uses	8,312	12,497	-33.5	56,710 R	84,883	-33.2						

R = Revision

N/C – Not Comparable

D6 = Disclosure: Included in Other EPS

D13 = Disclosure: Included in Crystal (Solid) Polystyrene

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR-TO-DATE			JUNE			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
ABS (ACRYLONITRILE-BUTADIENE-STYRENE), TOTAL	92,951	96,419	-3.6	531,835	592,158	-10.2	85,347	97,764	-12.7	487,229	578,339	-15.8
SAN (STYRENE-ACRYLONITRILE), TOTAL	9,930	11,322	-12.3	57,440	67,086	-14.4	8,982	10,750	-16.4	54,417	64,105	-15.1
Total Exports	3,008	5,081	-40.8	17,911	24,866	-28.0						
Total Domestic	6,922	6,241	10.9	39,529	42,220	-6.4						
OTHER STYRENICS (40% OR MORE STYRENE), TOTAL	12,814	12,519	2.4	75,142	79,681	-5.7	9,669	12,368	-21.8	63,262	74,217	-14.8
ABS, SAN, & OTHER STYRENICS, TOTAL	115,695	120,260	-3.8	664,417	738,925	-10.1	103,998	120,882	-14.0	604,908	716,661	-15.6
Total Exports	16,610	21,534	-22.9	109,848	113,139	-2.9						
Total Domestic	99,085	98,726	0.4	554,569	625,786	-11.4						
Electrical/Electronics	D2	D2		D2	D2							
Building & Construction	9,671	10,485	-7.8	49,689	77,674	-36.0						
Transportation	31,127	30,888	0.8	161,106	195,819	-17.7						
Consumer & Institutional	10,663	12,996	-18.0	69,838	81,647	-14.5						
All Other Uses	47,624	44,357	7.4	273,936	270,646	1.2						
*STYRENE BASED LATEXES, TOTAL**	91,647	95,995	-4.5	532,861 R	557,616	-4.4	88,835	88,070	0.9	502,788 R	522,938	-3.9
Carpet Backing	35,336	35,928	-1.6	197,843 R	209,024	-5.3						
All Other Uses	56,311	60,067	-6.3	335,018 R	348,592	-3.9						
NYLON RESINS, TOTAL(6)	56,718	50,484	12.3	310,542	286,179	8.5	N/A	N/A		N/A	N/A	
Imports, Total							N/A	N/A		N/A	N/A	
Exports, Total	7,993	8,073	-1.0	45,187 R	36,476	23.9						
Domestic, Total **	48,725	42,411	14.9	265,355 R	249,703	6.3	47,244	50,570	-6.6	275,973	288,957	-4.5
Injection Molding Grade	29,720	25,873	14.9	160,154	146,887	9.0						
Extrusion Grade	14,402	12,699	13.4	80,732 R	78,547	2.8						
Resellers & Compounders	2,866	2,520	13.7	17,877	19,347	-7.6						
All Other Uses	1,737	1,319	31.7	6,592	4,922	33.9						
Nylon End-Uses, Total	48,725	42,411	14.9	265,355 R	249,703	6.3						
Automotive and Truck	18,115	15,156	19.5	93,228	83,471	11.7						
Electrical and Electronic	5,277	5,076	4.0	29,034	30,557	-5.0						
Appliances	1,623	1,342	20.9	8,873	7,019	26.4						
Film and Coating	5,814	6,991	-16.8	37,313 R	37,780	-1.2						
Wire and Cable	2,428	2,234	8.7	16,270	17,285	-5.9						
Monofilament	2,150	1,979	8.6	11,571	11,241	2.9						
Consumer	3,237	1,973	64.1	13,575	10,249	32.5						
Industrial/Machinery	3,966	3,595	10.3	22,581	22,367	1.0						
All Other End-Uses	6,115	4,065	50.4	32,910	29,734	10.7						

* - Styrene Based Latexes Sales include some Canadian produced material.
** - 1991 Domestic Sales Include Sales to Canada.
D2 = Disclosure: Included in All Other Uses.
R = Revision

R = Revision
N/A = Not Available.
(6) - Includes sales from imports.

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	JUNE			*YEAR-TO-DATE*			*JUNE*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (DRY RESIN CONTENT)	792,606	764,447	3.7	4,425,165	4,640,729	-4.6	791,193	761,797	3.9	4,348,245	4,567,905	-4.8
Homopolymer Resins, Including Blending & Latex	729,126	703,791	3.6	4,081,841	4,284,360	-4.7	726,386	704,417	3.1	3,974,126	4,196,770	-5.3
Copolymer Resins, Including Blending & Latex	16,784	16,675	0.7	89,101	109,250	-18.4	19,624	15,592	25.9	114,838	108,298	6.0
Dispersion Resins	46,696	43,981	6.2	254,223	247,119	2.9	45,183	41,788	8.1	259,281	262,837	-1.4
Exports, Total	136,321	71,681	90.2	773,839	468,889	65.0						
Domestic, Total	656,285	692,766	-5.3	3,651,326	4,171,840	-12.5						
Calendering, Total	85,762	86,104	-0.4	491,421	510,773	-3.8						
Flooring	17,862	18,701	-4.5	100,597	116,147	-13.4						
Textile	8,090	8,170	-1.0	50,842	55,786	-8.9						
All Other Calendering Uses	59,810	59,233	1.0	339,982	338,840	0.3						
Coating, Total	27,367	29,430	-7.0	154,968	170,389	-9.1						
Flooring	13,803	12,887	7.1	74,903	74,115	1.1						
Textile and Paper Coating	7,986	8,505	-6.1	46,119	47,707	-3.3						
Protective Coatings	3,665	4,561	-19.6	20,400	25,144	-18.9						
Adhesives & All Other Coating Uses	1,913	3,477	-45.0	13,546	23,423	-42.2						
Extrusion, Total	454,045	477,032	-4.8	2,468,824	2,841,952	-13.1						
Wire and Cable	26,837	26,426	1.6	168,746	196,213	-14.0						
Film and Sheet, Packaging	23,585	24,584	-4.1	137,866	163,611	-15.7						
Film and Sheet, Non-Packaging	4,556	4,413	3.2	24,627	22,761	8.2						
Siding, Siding Acc. & Mobile Home Skirting	85,360	73,010	16.9	398,346	426,000	-6.5						
Rigid Pipe and Tubing (except fittings)	264,745	300,404	-11.9	1,468,908	1,736,656	-15.4						
Extruded Windows and Doors	8,970	N/A		50,962	N/A							
All Other Extrusion Uses	39,992	48,195	N/C	219,369	296,711	N/C						
Molding, Total	36,052	40,962	-12.0	228,616	264,591	-13.6						
Bottles	13,581	20,815	-34.8	97,195	115,651	-16.0						
Fittings (Rigid Pipe and Tubing)	17,170	11,140	54.1	95,579	82,291	16.1						
All Other Molding Uses	5,301	9,007	-41.1	35,842	66,649	-46.2						
Paste Processes (except coating), Total	16,251	17,702	-8.2	92,504	94,201	-1.8						
Plastisol Formulation	8,821	10,410	-15.3	51,680	51,017	1.3						
All Other Paste Process Uses	7,430	7,292	1.9	40,824	43,184	-5.5						
Resellers & Compounders	30,261	26,326	14.9	185,217	189,317	-2.2						
All Other Uses	6,547	15,210	-57.0	29,776	100,617	-70.4						

N/A – Not Available

N/C = Not Comparable

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	JUNE			*YEAR-TO-DATE*			*JUNE*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)												
Exports, Total												
Domestic, Total												
Emulsion Paints												
Adhesives, Caulks and Sealants												
Paper Treating & Paper Coating												
Textile Treating												
Non-Woven Binders												
All Other Uses												
POLYVINYL ALCOHOL, TOTAL (3)												
Exports, Total												
Domestic, Total												
OTHER VINYL RESINS, TOTAL (4)	17,132	15,[illegible]	12.6	90,702	98,410	-7.8	16,502	15,089	9.4	94,622	112,238	-15.7
Exports, Total	7,824	5,041	55.2	41,943	35,425	18.4						
Domestic, Total	9,308	10,169	-8.5	48,759	62,985	-22.6						
THERMOPLASTIC POLYESTER, TOTAL (6)	170,844	166,754	2.5	1,003,876 R	946,865	6.0	179,641	164,515	9.2	999,805 R	925,258	8.1
Exports, Total	37,447	36,268	3.3	254,182 R	183,776	38.3						
PET Bottle Grade Resin, Exports	D	D		D	D							
All Other Exports	D	D		D	D							
Domestic, Total	133,397	130,486	2.2	749,694 R	763,089	-1.8						
Domestic PET	N.R.	N.R.		N.R.	N.R.							
Solid State Phase Resin	D12	D12		D12	D12							
PET Bottle Grades	91,502	100,890	-9.3	521,666 R	538,135	-3.1						
PET/PBT Resellers & Compounders	N.R.4	N.R.4		N.R.4	N.R.4							
All Other Thermoplastic Polyester	41,895	29,596	41.6	228,028 R	224,954	1.4						

(2) – The publishing of PVAC data has been suspended.

(3) – The publishing of PVOH data has been suspended.

(4) – Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

D12 = Disclosure: Included in All Other Thermoplastic Polyester.

N.R.4 = Not Reported: Included in All Other Thermoplastic Polyester.

R = Revision

N.R. = Not Reported

D = Disclosure

(6) – Includes sales from imports.

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

JUNE 1991

THERMOSETTING & THERMOPLASTIC RESINS

RESIN CODING CLASSIFICATIONS

EPOXY (UNMODIFIED RESINS)	EPOXY
POLYESTER (UNSATURATED) RESINS	PY
UREA RESINS	UREA
MELAMINE RESINS	MELA
PHENOLIC & OTHER TAR ACID RESINS	PHEN
LOW DENSITY POLYETHYLENE 0.940 & BELOW	LDPE
LINEAR LOW DENSITY POLYETHYLENE 0.940 & BELOW	LLDPE
HIGH DENSITY POLYETHYLENE ABOVE 0.940	HDPE
POLYPROPYLENE POLYMERS & COPOLYMERS	PP
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS	ABS
STYRENE-ACRYLONITRILE (SAN)	SAN
POLYSTYRENE RESINS	PS
STYRENE BASED LATEXES - carboxylated, 45% styrene content and over	SBL
OTHER STYRENICS - over 40% styrene	OSBP
NYLON RESINS	NYLON
POLYVINYL CHORIDE & COPOLYERS (DRY RESIN CONTENT)	PVC
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE	PVAC
POLYVINYL ALCOHOL	PVOH
OTHER VINYL RESINS	OTHER VINYL
THERMOPLASTIC POLYESTER	TPY

REPORTING CLASSIFICATIONS

CATEGORY	CODE
Production	P
Imports	I
Domestic Sales & Captive Use	D
Export Sales	E

Above Legends Refer to the Following List of Reporting Companies by Resin Category.

MONTHLY STATISTICAL REPORT

JUNE 1991

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	LLDPE	HDPE	PP	ABS	SAN	PS	SBL	OSBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
A & E PLASTICS												PDE								
ALLIED CHEMICAL COMPANY															PDE					PDE
ALLIED-BENDIX CORPORATION					PD															
ALPHA CHEMICAL CORPORATION		PD																		
AMERICAN CYANAMID COMPANY			PD	PD																
AMETEK, HAVEG DIVISION					PD															
AMOCO CHEMICAL CORPORATION									PDE			PDE								
ANDERSON DEVELOPMENT COMPANY														PD						
ARCO CHEMICAL CORPORATION												PDE		PD						
ARISTECH CHEMICAL COMPANY		PDE							PDE											
ASHLAND CHEMICAL COMPANY		PDE			PD															
ATOCHEM															PDE					
BASF CORPORATION										PD	PD	PDE	PD	PD	PDE					PDE
BELDING CHEMICAL INDUSTRIES															PDE					
BORDEN CHEMICAL COMPANY			PD	PD	PD											PDE				
BTL CORPORATION			PD	PD	PD															

Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

MONTHLY STATISTICAL REPORT

JUNE 1991

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	LLDPE	HDPE	PP	ABS	SAN	PS	SBL	OSBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
CERTAINTEED PRODUCTS CORPORATION																PD				
CHEVRON CHEMICAL CORPORATION						PDE		PDE				PDE								
CIBA-GEIGY CORPORATION	PDE																			
CUSTOM RESINS, INC.															PDE					
DART CONTAINER												PD								
DOW CHEMICAL USA	PDE	PDE				PDEI	PDEI	PDEI		PD	PDE	PDE	PD	PD					PDE	
DUPONT CANADA							DI													
E. I. DUPONT DE NEMOURS & COMPANY						PDEI									PDE				PDE	PDE
EASTMAN CHEMICAL COMPANY						PDE			PDE											PDE
EMS-AMERICAN GRILON, INC.															PDE					
ESSO CHEMICAL CORPORATION							DI	DI												
EXXON CHEMICAL AMERICAS						PDEI	PDEI	PDEI	PDEI											
FINA OIL & CHEMICAL CORPORATION									PDE			PDE								
FIRESTONE SYNTHETIC RUBBER & LATEX														PD						
FORMOSA PLASTICS CORPORATION																PD				
FREEMAN CHEMICAL CORPORATION		PD																		
GENCORP													PD							

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MONTHLY STATISTICAL REPORT

JUNE 1991

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	LLDPE	HDPE	PP	ABS	SAN	PS	SBL	OSBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
GENERAL ELECTRIC PLASTICS COMPANY										PD	PDE			PD						PDE
GENESIS POLYMERS									PDE											
GEORGIA-GULF CORPORATION																PDE				
GEORGIA-PACIFIC CORPORATION			PD	PD	PDE															
GLIDDEN COATINGS & RESINS		PD																		
B. F. GOODRICH CHEMICAL COMPANY											PDE					PDE				
GOODYEAR CHEMICAL DIVISION													PD	PD		PDE				PDE
W. R. GRACE & COMPANY										PD									PD	
HARBORCHEM, INC.			PD	PD																
HIMONT USA, INC.								PDE	PDEI											
HOECHST-CELANESE				PD	PDE			PDEI							PDE					PDE
HUNTSMAN CHEMICAL CORPORATION									PDE			PDE		PD						
ICI AMERICAS, INC.																				PD
INTERPLASTICS CORPORATION		PD																		
IRONSIDES COMPANY					PD															
KEYSOR-CENTURY CORPORATION																PDE				
LYONDELL						PDE			PDE											
MASONITE CORPORATION					PD															

Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

MONTHLY STATISTICAL REPORT

JUNE 1991

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	LLDPE	HDPE	PP	ABS	SAN	PS	SBL	OSBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
MOBAY CORPORATION															PD					
MOBIL CHEMICAL COMPANY						PDEI	PDEI	PDE				PDE								
MONSANTO COMPANY			PD	PD						PD	PDE			PD	PDE				PDE	
MORTON INDUSTRIES													PD	PD					PDE	
NESTE CHEMICALS			PD	PD	PD															
NOVACOR CHEMICALS						DI	DI	DI				PDE								
NYLON CORPORATION OF AMERICA															PD					
OXYCHEM			PD		PDE			PDE								PDE				
OWENS-CORNING FIBERGLASS		PDE		PD	PD															
PACIFIC WESTERN RESINS																PDE				
PAXON CHEMICAL								PDE												
PHILLIPS 66 COMPANY							D	DEI	PDE											
PLASLOK CORPORATION					PD															
PLASTICS ENGINEERING COMPANY					PDE															
QUANTUM CHEMICAL COMPANY						PDE	PDE	PDE	PDE											
REICHHOLD CHEMICALS, INC.	PDE	PDE											PD							
REXENE CORPORATION						PDE			PDE											
RHONE POULENC	PDE		PD	PD									PD							

Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

MONTHLY STATISTICAL REPORT

JUNE 1991

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	LLDPE	HDPE	PP	ABS	SAN	PS	SBL	OSBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
ROGERS CORPORATION					PDE															
ROHM AND HAAS COMPANY														D					PDE	
SCOTT POLYMERS												PDE								
SHAKESPEARE COMPANY															PDE					
SHELL CHEMICAL COMPANY	PDE								PDEI											
SHINTECH, INC.																PDE				
SILMAR		PDE																		
SOLVAY POLYMERS							PDE	PDE	PDE											
SPURLOCK ADHESIVES, INC.			PD																	
TRI NOVA CORPORATION		PD	PD	PD	PD															
UNION CARBIDE CORPORATION	DE					PDEI	PDEI	PDE												
UNION CHEMICAL													PD						PD	
VALITE DIV. OF VALENTINE SUGARS, INC.					PD															
VISTA CHEMICAL COMPANY																PDE				
VYGEN CORPORATION																PDE				
WELLMAN, INC.															PDE					
WEST LAKE POLYMERS						PDE														
TOTAL	6	11	11	11	17	12	10	14	14	5	5	12	8	11	13	12	N/A	N/A	7	8

N/A - Not Applicable

Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

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The Society of the
Plastics Industry, Inc.

MonthlyStatisticalReport-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

May 31, 1991

DATA FOR CALCULATING APPARENT CONSUMPTION OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: August 14, 1991

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

MONTHLY STATISTICAL REPORT

(Millions of pounds, dry weight basis)(1)

MAY 1991

RESIN KIND	MAY				YEAR-TO-DATE			
	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*
EPOXY RESIN, TOTAL	43.5	31.1	1.5	6.5	200.3	153.6	6.9	38.3
POLYESTER (UNSATURATED) RESINS, TOTAL	96.8	95.7	1.1	8.1	440.7	434.6	4.1	40.1
UREA RESINS, TOTAL **	120.2	120.7	1.5	2.2	609.2	609.4	8.1	9.3
MELAMINE RESINS, TOTAL **	22.2	14.1	0.7	2.4	85.8 R	69.7	2.8	9.7
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	210.5	212.7	3.0	8.6	1,053.5	1,051.7	14.7	33.5
THERMOSETTING RESINS, TOTAL	493.2	474.3	7.8	27.8	2,389.5 R	2,319.0	36.6	130.9
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	585.6	495.6	19.5	86.0	2,939.2 R	2,350.0	69.3	434.9
LINEAR LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	381.4	358.7	58.6	52.8	1,759.8	1,662.7	282.4	271.0
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL (6)	780.5	711.9	46.1	96.2	3,629.8	3,235.1	191.4	543.0
POLYPROPYLENE, TOTAL (6)	666.4	581.4	9.7	179.7	3,380.4	2,712.1	33.4	864.2
ABS RESINS, TOTAL ** (ACRYLONITRILE-BUTADIENE-STYRENE)	72.0	96.1	8.7	15.8	401.9 R	438.9 R	32.7	79.6
SAN (STYRENE-ACRYLONITRILE) RESINS, TOTAL	12.4	7.9	0.5	8.3	45.4	32.6 R	1.7	36.5
OTHER STYRENICS **	93.1	109.6	0.2	23.0	465.8 R	505.7 R	1.5	91.4
POLYSTYRENE RESINS, TOTAL	402.5	395.3	3.2	37.3	1,948.7	1,845.5	16.0	146.8
NYLON RESINS, TOTAL (6)	46.6	47.4	4.4	13.8	228.7 R	216.2 R	26.5	69.9
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	770.6	670.1	7.5	126.1	3,557.1	2,995.0	32.5	610.0
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (4)								
POLYVINYL ALCOHOL, TOTAL (4)								
OTHER VINYL RESINS	17.9	7.5	N/A	N/A	78.1 R	39.5 R	N/A	N/A
THERMOPLASTIC POLYESTER, TOTAL (6)	175.0	137.7	6.6	49.0	815.8	620.0	38.1	244.0
THERMOPLASTIC RESINS, TOTAL	4,004.0	3,619.2	165.0	688.0	19,250.7 R	16,653.3 R	725.5	3,391.3
GRAND TOTAL	4,497.2	4,093.5	172.8	715.8	21,640.2 R	18,972.3 R	762.1	3,522.2

(1) = Except phenolic resins which are reported on a gross weight basis.
(4) = The publishing of PVOH and PVAC data is temporarily suspended.
* Except for Epoxy Resin, Bureau of Census exports will differ from exports published in the SPI Monthly Statistical Report.
** = Domestic Sales include Exports.
(6) = Data Includes Sales from Imports.

Monthly and Year-To-Date totals may not agree due to government revisions and rounding.

N/A = Not Available
R = Revision

Sources:
Sales and Production – SPI Monthly Statistical Report
Imports – Bureau of the Census (IM 146)
Exports – Bureau of the Census (EM 545)

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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The Society of the
Plastics Industry, Inc.

SPI

MonthlyStatisticalReport-Resins

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FOR THE MONTH AND PERIOD ENDED
July 31, 1991

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING & THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

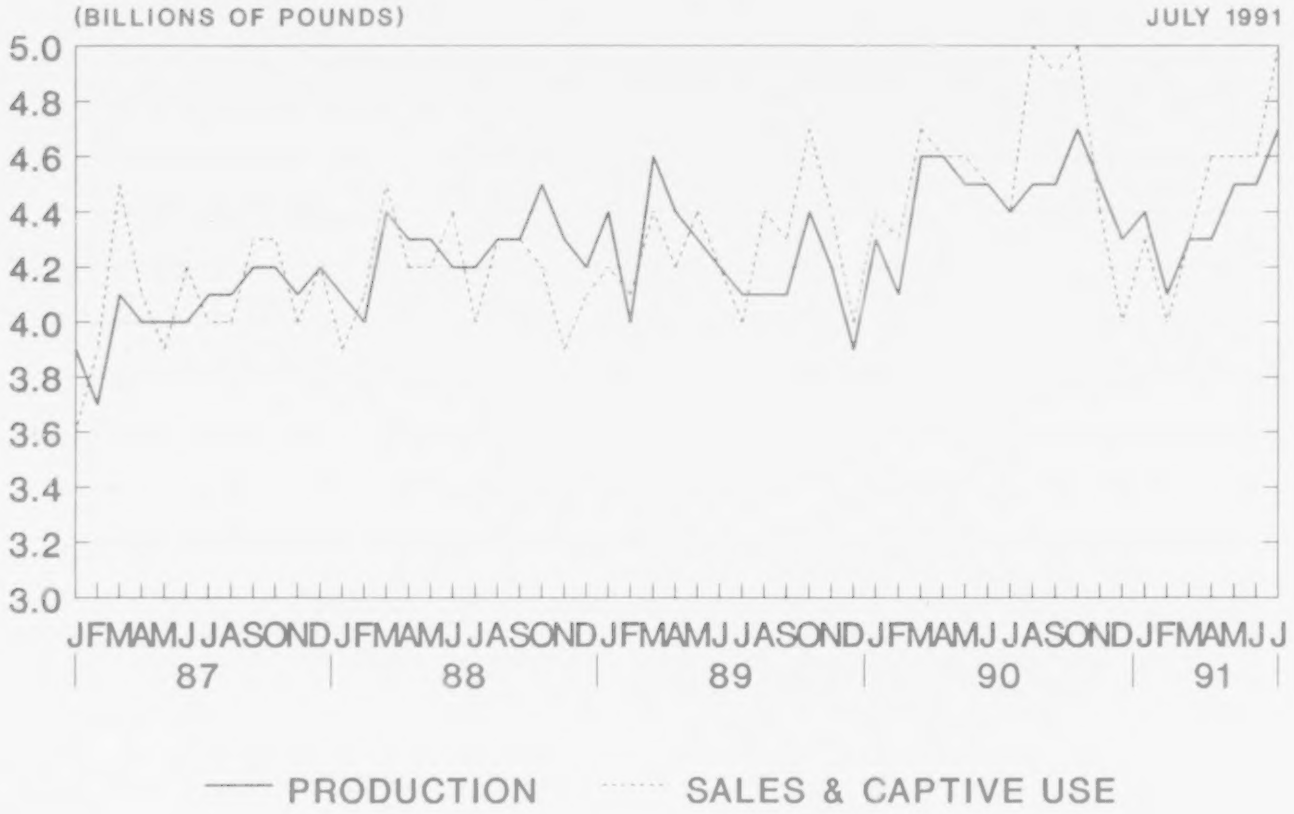
NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: September 16, 1991

THE SOCIETY OF THE PLASTICS INDUSTRY

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS



THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

MONTHLY STATISTICAL REPORT

(Thousands of pounds, dry weight basis)(1)

JULY 1991

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	JULY			*YEAR-TO-DATE*			*JULY*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
EPOXY RESIN, TOTAL	38,787	39,202	-1.1	277,983	286,627	-3.0	51,473	45,340	13.5	296,217	299,406	-1.1
POLYESTER (UNSATURATED) RESINS, TOTAL	91,664	97,341	-5.8	626,286	755,778	-17.1	92,145	99,682	-7.6	625,817	764,800	-18.2
UREA RESINS, TOTAL	121,796	119,801	1.7	859,808 R	905,595	-5.1	121,965	121,264	0.6	858,318	900,926	-4.7
MELAMINE RESINS, TOTAL	15,328	14,887	3.0	99,323 R	100,106	-0.8	15,433	16,099	-4.1	117,491	116,420	0.9
PHENOLIC & OTHER TAR ACID RESINS, TOTAL (E)	247,781	253,775	-2.4	1,538,027	1,769,092	-13.1	243,253	252,944	-3.8	1,531,004	1,766,830	-13.3
THERMOSETTING RESINS, TOTAL	515,356	525,006	-1.8	3,401,427 R	3,817,198	-10.9	524,269	535,329	-2.1	3,428,847	3,848,382	-10.9
LOW-DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	686,352	563,787	21.7	4,229,790 R	4,073,698	3.8	614,776	622,249	-1.2	4,139,469 R	4,201,000	-1.5
LINEAR-LOW DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	460,870	363,366	26.8	2,720,371 R	2,632,885	3.3	340,315	303,743	12.0	2,396,454 R	2,142,188	11.9
HIGH-DENSITY POLYETHYLENE (ABOVE 0.940), TOTAL (6)	839,171	728,316	15.2	5,181,401 R	4,903,987	5.7	788,946	715,451	10.3	5,197,522 R	4,702,192	10.5
POLYPROPYLENE, TOTAL (7)	744,916	635,973	17.1	4,788,203	4,691,832	2.1	726,214	660,833	9.9	4,799,750 R	4,822,122	-0.5
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	93,768	102,773	-8.8	626,403 R	694,931	-9.9	107,625	108,589	-0.9	595,754 R	686,928	-13.3
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	10,399	10,324	0.7	68,139 R	77,410	-12.0	8,639	11,400	-24.2	62,556 R	75,505	-17.1
POLYSTYRENE RESINS, TOTAL	454,775	430,180	5.7	2,817,727 R	3,003,815	-6.2	467,139	435,812	7.2	2,807,570 R	2,935,861	-4.4
STYRENE BASED LATEXES, TOTAL **	93,825	84,357	11.2	626,906 R	641,973	-2.3	86,527	83,762	3.3	589,315	606,700	-2.9
OTHER STYRENICS, TOTAL (40% or More Styrene)	13,071	11,057	18.2	88,117 R	90,738	-2.9	13,096	10,517	24.5	76,364 R	84,734	-9.9
NYLON RESINS (6)	55,757	45,043	23.8	366,299	331,222	10.6	46,672	49,381	-5.5	322,645	338,338	-4.6
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	847,040	690,910	22.6	5,272,205	5,331,639	-1.1	804,414	710,434	13.2	5,152,659	5,278,339	-2.4
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)	N/A	N/A		N/A	N/A		N/A	N/A		N/A	N/A	
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
OTHER VINYL RESINS (4)	13,092	13,444	-2.6	103,794	111,854	-7.2	11,638	13,914	-16.4	106,260	126,152	-15.8
THERMOPLASTIC POLYESTER, TOTAL (6)	186,267	150,753	23.6	1,190,143	1,097,618	8.4	170,033	153,661	10.7	1,169,838	1,078,919	8.4
THERMOPLASTIC RESINS, TOTAL	4,499,303	3,830,283	17.5	28,079,498 R	27,683,602	1.4	4,186,034	3,879,746	7.9	27,416,156 R	27,078,978	1.2
GRAND TOTAL	5,014,659	4,355,289	15.1	31,480,925 R	31,500,800	-0.1	4,710,303	4,415,075	6.7	30,845,003 R	30,927,360	-0.3

(1) = Except phenolic resins which are reported on a gross weight basis.

** = Sales and Captive Use figures include some Canadian produced materials.

(2) = The publishing of PVAC has been suspended.

(E) = Estimate – Data includes estimates for one company.

D = Disclosure

R = Revision

(3) = The publishing of PVOH data has been suspended.

(4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

(6) = Data Includes Sales from Imports.

(7) = 1991 Data Includes Sales from Imports.

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	JULY			*YEAR-TO-DATE*			*JULY*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
EPOXY RESIN, TOTAL	38,787	39,202	-1.1	277,983	286,627	-3.0	51,473	45,340	13.5	296,217	299,406	-1.1
Exports, Total	7,692	6,815	12.9	53,247	47,873	11.2						
Captive Use, Total	1,605	1,375	16.7	10,363	9,848	5.2						
Domestic Sales, Total	29,490	31,012	-4.9	214,373	228,906	-6.3						
Domestic Sales & Captive Use,Total	31,095	32,387	-4.0	224,736	238,754	-5.9						
Bonding & Adhesives	1,887	2,163	-12.8	14,915	16,836	-11.4						
Flooring, Paving & Exposed Aggregate	2,527	2,222	13.7	15,924	16,623	-4.2						
Protective Coatings	16,222	16,533	-1.9	112,641	118,190	-4.7						
Fiber Reinforced Laminates & Composites	5,428	5,804	-6.5	43,770	49,098	-10.9						
FRL&C for Printed Wiring Board	3.166	3,697	-14.4	26,744	32,098	-16.7						
All Other FRL&C	2,262	2,107	7.4	17,026	17,000	0.2						
Tooling, Casting & Molded Resins	2,030	2,297	-11.6	14,573	16,358	-10.9						
All Other Uses	3,001	3,368	-10.9	22,913	21,649	5.8						
POLYESTER (UNSATURATED) RESINS, TOTAL	91,664	97,341	-5.8	626,286	755,778	-17.1	92,145	99,682	-7.6	625,817	764,800	-18.2
Total Exports	1,776	1,618	9.8	11,443	13,457	-15.0						
Total Domestic	89,888	95,723	-6.1	614,843	742,321	-17.2						
General Purpose Resins, Total	76,658	81,672	-6.1	523,036	640,730	-18.4						
General Purpose - Thixotropic	28,827	33,100	-12.9	189,218	247,638	-23.6						
General Purpose - Press Molding	9,581	11,035	-13.2	68,196	84,966	-19.7						
General Purpose - Panel	6,952	6,584	5.6	46,684	50,914	-8.3						
General Purpose - All Other	31,298	30,953	1.1	218,938	257,212	-14.9						
Flame Retardant Resins	1,480	2,119	-30.2	11,105	14,128	-21.4						
Chemical Resistant Resins, Total	11,750	11,932	-1.5	80,702	87,463	-7.7						
Chemical Resistant Isophthalic Resins	7,650	8,268	-7.5	54,658	62,014	-11.9						
All Other Chemical Resistant Resins	4,100	3,664	11.9	26,044	25,449	2.3						
Reinforced Plastic, Total	62,587	69,924	-10.5	436,727 R	548,188	-20.3						
Non-Reinforced Plastics, Total	27,301	25,799	5.8	178,116 R	194,133	-8.3						

R = Revision

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)(1)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	JULY			*YEAR-TO-DATE*			*JULY*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
UREA RESINS, TOTAL	121,796	119,801	1.7	859,808 R	905,595	-5.1	121,965	121,264	0.6	858,318	900,926	-4.7
MELAMINE RESINS, TOTAL	15,328	14,887	3.0	99,323 R	100,106	-0.8	15,433	16,099	-4.1	117,491	116,420	0.9
UREA & MELAMINE RESINS, TOTAL	137,124	134,688	1.8	959,131 R	1,005,701	-4.6	137,398	137,363	0.0	975,809	1,017,346	-4.1
Total Exports	D1	D1		D1	D1							
Total Domestic	137,124	134,688	1.8	959,131 R	1,005,701	-4.6						
Textile Coating & Treating Resins	1,943	2,566	-24.3	12,568 R	19,773	-36.4	2,676	3,829	-30.1	15,044	27,692	-45.7
Paper Coating & Treating Resins	3,927	4,419	-11.1	31,120	33,932	-8.3	4,085	4,505	-9.3	31,941	34,835	-8.3
Molding Compounds	D2	D2		D2	D2		D2	D2		D2	D2	
Bonding & Adhesive Resins for:	108,264	103,823	4.3	771,468 R	793,112	-2.7	108,026	104,856	3.0	769,022	792,947	-3.0
Laminating	1,242	1,277	-2.7	9,048	12,050	-24.9	1,234	1,408	-12.4	9,147	12,584	-27.3
Plywood	5,066	4,335	16.9	35,309	34,152	3.4	5,195	4,346	19.5	35,429	34,560	2.5
Fibrous & Granulated Wood (Particle Board)	101,956	98,211	3.8	727,111 R	746,910	-2.7	101,597	99,102	2.5	724,446	745,803	-2.9
Protective Coatings (Straight & Modified)	8,789	8,804	-0.2	56,892	58,391	-2.6	9,934	11,086	-10.4	81,182	78,471	3.5
All Other Uses	14,201	15,076	-5.8	87,083 R	100,493	-13.3	12,677	13,087	-3.1	78,620	83,401	-5.7
PHENOLIC & OTHER TAR ACID RESINS, TOTAL (E)	247,781	253,775	-2.4	1,538,027	1,769,092	-13.1	243,253	252,944	-3.8	1,531,004	1,766,830	-13.3
Total Exports	1,420	2,145	-33.8	8,286	14,797	-44.0						
Total Domestic	246,361	251,630	-2.1	1,529,741	1,754,295	-12.8						
Molding Compounds	12,543	11,792	6.4	89,436	98,803	-9.5	10,335	12,041	-14.2	88,214	111,089	-20.6
Bonding & Adhesive Resins for:	230,791	236,453	-2.4	1,417,158	1,633,330	-13.2	230,006	237,451	-3.1	1,418,139	1,633,259	-13.2
Laminating	13,538	14,097	-4.0	85,440	102,423	-16.6	13,734	14,139	-2.9	85,514	102,450	-16.5
Coated & Bonded Abrasives	D3	1,617		D3	16,125		D3	1,768		D3	16,161	
Friction Materials	3,089	3,650	-15.4	23,700	27,302	-13.2	3,051	3,765	-19.0	21,785	27,964	-22.1
Insulation Materials	34,201	35,318	-3.2	217,570	249,021	-12.6	34,110	36,027	-5.3	217,766	249,097	-12.6
Foundry & Shell Molding	5,646	6,499	-13.1	46,339	46,568	-0.5	5,613	6,943	-19.2	45,998	46,441	-1.0
Plywood	D3	D3		D3	D3		D3	D3		D3	D3	
Fibrous and Granulated Wood	D3	D3		D3	D3		D3	D3		D3	D3	
Resins Sold to Rubber Industry	D3	D3		D3	D3		D3	D3		D3	D3	
All Other	174,317	175,272	N/C	1,044,109	1,191,891	N/C	173,498	174,809	N/C	1,047,076	1,191,146	N/C
Protective Coatings - Unmodified & Modified	D2	D2		D2	D2		D2	D2		D2	D2	
Resins Sold to Rubber Ind. - Non Adhesive Uses	D2	D2		D2	D2		D2	D2		D2	D2	
All Other Uses	3,027	3,385	-10.6	23,147	22,162	4.4	2,912	3,452	-15.6	24,651	22,482	9.6

E - Estimate - Data include estimates for one company.
D1 = Disclosure: Included in Domestic, Total and All Other Uses.
D2 = Disclosure: Included in All Other Uses.
D3 = Disclosure: Included in All Other Bonding & Adhesive Resins.

(1) = Phenolic is on a Gross Weight Basis.
N/C = Not Comparable.
R = Revision

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	JULY			*YEAR-TO-DATE*			*JULY*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
LOW DENSITY POLYETHYLENE - 0.940 & BELOW, TOTAL (6)	686,352	563,787	21.7	4,229,790 R	4,073,698	3.8	637,772	640,996	-0.5	4,235,768 R	4,303,706	-1.6
Imports, Total							22,996	18,747	22.7	96,299	102,706	-6.2
Exports, Total	126,810	67,496	87.9	821,244 R	466,114	76.2						
Domestic, Total	559,542	496,291	12.7	3,408,546 R	3,607,584	-5.5	614,776	622,249	-1.2	4,139,469 R	4,201,000	-1.5
Film (12 Mils & Below)	339,852	298,436	13.9	2,004,724 R	2,131,771	-6.0						
Packaging Film	231,907	202,501	14.5	1,373,142 R	1,452,660	-5.5						
Food Packaging Film	114,501	90,147	27.0	686,809 R	684,961	0.3						
Non-Food Packaging Film	94,757	87,627	8.1	544,700 R	600,834	-9.3						
Shrink Film	12,993	13,998	-7.2	77,684 R	93,029	-16.5						
Stretch Film	9,656	10,729	-10.0	63,949 R	73,836	-13.4						
Non-Packaging Film	107,945	95,935	12.5	631,582 R	679,111	-7.0						
Carry-Out Bags	17,683	15,113	17.0	80,707 R	75,217	7.3						
Trash and Can Liners	36,875	30,271	21.8	197,609 R	209,522	-5.7						
Other Non-Packaging Film	53,387	50,551	5.6	353,266 R	394,372	-10.4						
Sheet (Over 12 Mils)	7,018	5,425	29.4	41,694 R	42,855	-2.7						
Injection Molding	26,785	27,821	-3.7	157,986 R	216,370	-27.0						
Injection Molded Lids	4,677	5,838	-19.9	29,914 R	46,462	-35.6						
Injection Molded Housewares	4,252	3,790	12.2	27,982 R	28,548	-2.0						
Other Injection Molding	17,856	18,193	-1.9	100,090 R	141,360	-29.2						
Wire and Cable	20,769	18,269	13.7	136,698 R	143,465	-4.7						
Extrusion Coating	69,739	63,142	10.4	480,853 R	451,406	6.5						
Blow Molding	5,322	4,898	8.7	38,271 R	36,202	5.7						
Pipe and Conduit, Total	D5	D5		D5	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	7,852	8,324	-5.7	46,663 R	51,586	-9.5						
Rotomolding	D2	D2		D2	D2							
Resellers & Compounders, Total	54,901	45,050	21.9	366,181	319,863	14.5						
Resellers	38,281	28,355	35.0	251,354 R	222,799	12.8						
Compounders	16,620	16,695	-0.4	114,827 R	97,064	18.3						
Adhesives and Sealants	11,391	7,470	52.5	76,344	61,762	23.6						
All Other Uses	15,913	17,456	-8.8	59,132 R	152,304	-61.2						

D2 = Disclosure: Included in All Other Uses.
D5 = Disclosure: Included in Other Extruded Products.

(6) = Sales Include Imports.

D = Disclosure
R = Revision

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	JULY			*YEAR-TO-DATE*			*JULY*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
LINEAR LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	460,870	363,366	26.8	2,720,371 R	2,632,885	3.3	401,400	374,547	7.2	2,773,493 R	2,638,515	5.1
Imports, Total							61,085	70,804	-13.7	377,039	496,327	-24.0
Exports, Total	52,599	21,744	141.9	300,281	130,664	129.8						
Domestic, Total	408,271	341,622	19.5	2,420,090 R	2,502,221	-3.3	340,315	303,743	12.0	2,396,454 R	2,142,188	11.9
Film (12 Mils & Below)	252,433	219,345	15.1	1,551,764 R	1,628,554	-4.7						
Packaging Film	109,687	97,509	12.5	695,272 R	709,687	-2.0						
Food Packaging Film	23,256	15,687	48.3	136,451 R	124,569	9.5						
Non-Food Packaging Film	46,062	55,123	-16.4	268,200 R	391,605	-31.5						
Shrink Film	D10	D10		D10	D10							
Stretch Film	40,369	26,699	51.2	290,621 R	193,513	50.2						
Non-Packaging Film	142,746	121,836	17.2	856,492 R	918,867	-6.8						
Carry-Out Bags	25,126	19,673	27.7	150,717 R	140,770	7.1						
Trash and Can Liners	98,438	81,620	20.6	577,671 R	603,225	-4.2						
Other Non-Packaging Film	19,182	20,543	-6.6	128,104 R	174,872	-26.7						
Sheet (Over 12 Mils)	8,179	2,889	183.1	34,543	27,086	27.5						
Injection Molding	53,528	48,533	10.3	311,764 R	298,977	4.3						
Injection Molded Lids	15,747	16,313	-3.5	96,191 R	105,539	-8.9						
Injection Molded Housewares	26,280	22,524	16.7	163,084 R	126,838	28.6						
Other Injection Molding	11,501	9,696	18.6	52,489 R	66,600	-21.2						
Wire and Cable	11,487	9,761	17.7	81,902 R	85,200	-3.9						
Extrusion Coating	D5	D5		D5	D5							
Blow Molding	1,072	1,758	-39.0	6,770	17,6[illegible]	-61.6						
Pipe and Conduit, Total	5,088	4,964	2.5	25,398	36[illegible]5	-30.2						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	3,144	2,519	24.8	21,999 R	19,026	15.6						
Rotomolding	17,131	28,974	-40.9	116,965	186,741	-37.4						
Resellers & Compounders, Total	46,007	16,650	176.3	204,859	134,041	52.8						
Resellers	38,431	6,384	502.0	148,911 R	64,501	130.9						
Compounders	7,576	10,266	-26.2	55,948 R	69,540	-19.5						
Adhesives and Sealants	D2	D2		D2	D2							
All Other Uses	10,202	6,229	63.8	64,126 R	68,599	-6.5						

D2 = Disclosure: Included in All Other Uses.
D5 = Disclosure: Included in Other Extruded Products.
D10 = Disclosure: Shrink Film is Included in Stretch Film.

(6) = Sales Include Imports.

D = Disclosure
R = Revision

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	JULY			*YEAR-TO-DATE*			*JULY*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
HIGH DENSITY POLYETHYLENE – ABOVE 0.940. TOTAL (6)	839,171	728,316	15.2	5,181,401 R	4,903,987	5.7	820,740	756,533	8.5	5,387,478 R	4,921,185	9.5
Imports, Total							31,794	41,082	-22.6	189,956	218,993	-13.3
Exports, Total	104,411	55,781	87.2	565,667	386,063	46.5						
Domestic, Total	734,760	672,535	9.3	4,615,734 R	4,517,924	2.2	788,946	715,451	10.3	5,197,522 R	4,702,192	10.5
Film (12 Mils & Below)	81,141	71,690	13.2	531,408 R	507,185	4.8						
Packaging Film	16,629	17,113	-2.8	117,817	142,078	-17.1						
Food Packaging Film	11,648	12,281	-5.2	83,555 R	96,417	-13.3						
Non-Food Packaging Film	4,981	4,832	3.1	34,262 R	45,661	-25.0						
Non-Packaging Film	64,512	54,577	18.2	413,591 R	365,107	13.3						
Retail Bags	56,068	40,509	38.4	345,768 R	281,942	22.6						
Grocery Sacks & T-Shirt Bags	27,529	21,899	25.7	167,732 R	149,231	12.4						
All Other Retail Bags	28,539	5,078	N/C	178,036 R	38,721	N/C						
Trash Bags/Can Liners	D9	13,532		D9	93,990							
All Other Non-Packaging Film	8,444	14,068	-40.0	67,823	83,165	-18.4						
Sheet (Over 12 Mils)	24,352	31,179	-21.9	174,836	221,913	-21.2						
Injection Molding, Total	151,500	147,337	2.8	964,268 R	917,284	5.1						
Pails (5 gallons or less)	45,757	40,512	12.9	290,053 R	267,755	8.3						
Housewares	13,694	12,416	10.3	75,901 R	61,960	22.5						
Food Tubs/Containers & Drink Cups	24,988	28,536	-12.4	174,541	180,565	-3.3						
Crates and Totes	21,181	21,659	-2.2	137,998	127,681	8.1						
Toys/Novelties/Sporting Goods	7,297	3,599	102.8	42,399	35,143	20.6						
Caps and Closures	9,010	8,266	9.0	58,014 R	62,349	-7.0						
All Other injection Molding	29,573	32,349	-8.6	185,362 R	181,831	1.9						
Wire and Cable	12,890	13,364	-3.5	85,487 R	101,777	-16.0						
Blow Molding, Total	278,791	234,961	18.7	1,716,451	1,675,416	2.4						
Motor Oil Bottles	20,143	17,142	17.5	114,614	129,611	-11.6						
Liquid Food Bottles	87,503	82,980	5.5	564,757	563,573	0.2						
Household Chemical Bottles	91,015	71,692	27.0	527,070	512,475	2.8						
Industrial Drums	19,500	12,814	52.2	117,420	90,748	29.4						
Gas Tanks, All Uses	4,388	3,760	16.7	22,056	19,946	10.6						
Pharm., Cosmetics, & Toiletries	19,454	16,081	21.0	125,371	128,837	-2.7						
All Other Blow Molding	36,788	30,492	20.6	245,163	230,226	6.5						
Pipe and Conduit, Total	54,151	64,476	-16.0	339,007	370,683	-8.5						
Corrugated	11,993	8,574	39.9	63,764	63,766	0.0						
Non-Corrugated	42,158	55,902	-24.6	275,243	306,917	-10.3						
Gas Distribution	17,387	14,118	23.2	105,633	108,791	-2.9						
Water	9,750	D11		59,129	D11							
Industrial/Sewer	12,031	D11		93,261	D11							
All Other Non-Corrugated Pipe	2,990	41,78	N/C	17,220	198,126	N/C						
Other Extruded Products	8,863	7,512	18.0	62,609	51,485	21.6						
Rotomolding	5,827	5,707	2.1	45,640 R	45,205	1.0						
Reseller & Compounders, Total	92,205	73,679	25.1	526,129 R	455,705	15.5						
Resellers	89,058	67,094	32.7	496,463 R	423,972	17.1						
Compounders	3,147	6,585	-52.2	29,666	31,733	-6.5						
All Other HDPE	25,040	22,630	10.6	169,899 R	171,271	-0.8						

D9 = Disclosure: Included in All Other Retail Bags.
D11 = Disclosure: Included in All Other Non-Corrugated Pipe.

(6) = Sales Include Imports.

N/C = Not Comparable.
R = Revision

Compiled By Ernst & Young, Washington DC, for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT

(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	JULY			*YEAR-TO-DATE*			*JULY*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
POLYPROPYLENE, TOTAL (7)	744,916	635,973	17.1	4,788,203	4,691,832	2.1	730,736	N/A		4,820,943 R	N/A	
Imports, Total							4,522	N/A		21,193	N/A	
Exports, Total	159,590	113,294	40.9	965,306 R	867,837	11.2						
Domestic, Total	585,326	522,679	12.0	3,822,897 R	3,823,995	0.0	726,214	660,833	9.9	4,799,750 R	4,822,122	-0.5
Injection Molding, Total	166,237	148,399	12.0	1,121,048	1,128,025	-0.6						
Appliances	12,341	13,184	-6.4	93,837	104,359	-10.1						
Consumer Products	48,445	48,073	0.8	385,228	367,147	4.9						
Rigid Packaging	63,716	51,160	24.5	392,533	384,746	2.0						
Transportation	25,905	22,351	15.9	144,657	170,072	-14.9						
All Other Injection Molding	15,830	13,631	16.1	104,793	101,701	3.0						
Blow Molding	10,040	12,881	-22.1	84,410	85,256	-1.0						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below), Total	60,448	50,704	19.2	393,084	343,687	14.4						
Oriented Film	47,384	41,612	13.9	302,570	276,172	9.6						
Non-Oriented Film	13,064	9,092	43.7	90,514	67,515	34.1						
Sheet (Over 10 Mils), Total	10,363	10,540	-1.7	72,145	80,761	-10.7						
Packaging	5,392	D		40,265	D							
Non-Packaging	4,971	D		31,880	D							
Extrusion Coating	1,123	1,771	-36.6	11,598	11,777	-1.5						
Wire and Cable	D5	D5		D5	D5							
Fiber and Filaments, Total	178,680	173,349	3.1	1,147,054	1,218,695	-5.9						
Textile Applications	167,760	164,976	1.7	1,081,753	1,148,199	-5.8						
Nonwovens	58,752	49,163	19.5	346,237	348,935	-0.8						
Monofilament & Multifilament Fibers	58,806	58,898	-0.2	403,486	415,297	-2.8						
Slit Film Fibers	50,202	56,915	-11.8	332,030	383,967	-13.5						
Non-Textile Monofilaments	10,920	8,373	30.4	65,301	70,496	-7.4						
Pipe and Conduit	D5	D5		D5	D5							
Other Extruded Products	8,287	9,883	-16.1	46,501	71,782	-35.2						
Resellers/Distributors/Compounders, Total	144,265	111,804	29.0	906,961 R	853,534	6.3						
Resellers	57,120	41,256	38.5	364,059	325,637	11.8						
Distributors	31,980	26,304	21.6	198,399 R	210,821	-5.9						
Compounders	55,165	44,244	24.7	344,503	317,076	8.6						
All Other Uses	5,883	3,348	75.7	40,096	30,478	31.6						

D5 = Disclosure: Included in Other Extruded Products.
(7) = Sales for 1991 Include Imports.

N/A = Not Available
D = Disclosure
R = Revision

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	JULY			*YEAR-TO-DATE*			*JULY*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
POLYSTYRENE RESINS, TOTAL	454,775	430,180	5.7	2,817,727 R	3,003,815	-6.2	467,139	435,812	7.2	2,807,570 R	2,935,861	-4.4
Crystal (Solid) Polystyrene	178,430	232,098	N/C	1,116,182 R	1,612,846	N/C	185,210	167,127	10.8	1,094,024 R	1,154,987	-5.3
Rubber Modified Polystyrene	199,553	198,082	0.7	1,301,378 R	1,390,969	-6.4	210,219	212,126	-0.9	1,328,187 R	1,364,798	-2.7
Expandable Polystyrene	76,792	D13		400,167 R	D13		71,710	56,559	26.8	385,359 R	416,076	-7.4
Exports, Total	21,027	14,809	42.0	150,116 R	96,916	54.9						
Crystal (Solid) Polystyrene	5,149	7,641	N/C	48,417 R	52,994	N/C						
Rubber Modified Polystyrene	10,764	7,168	50.2	63,193 R	43,922	43.9						
Expandable Polystyrene	5,114	D13		38,506	D13							
Domestic, Total	433,748	415,371	4.4	2,667,611 R	2,906,899	-8.2						
Molding	154,461	148,591	4.0	939,163 R	1,006,539	-6.7						
Extrusion	189,906	191,935	-1.1	1,274,629 R	1,410,616	-9.6						
Expandable Polystyrene	72,298	61,413	17.7	362,281 R	401,457	-9.8						
Block	31,406	26,503	18.5	140,901	152,123	-7.4						
Shape	17,391	12,824	35.6	81,789	89,663	-8.8						
Loose Fill	D6	D6		D6	D6							
Other EPS	23,501	22,086	6.4	139,591 R	159,671	-12.6						
All Other Uses	17,083	13,432	27.2	91,538 R	88,287	3.7						
Polystyrene End-Uses, Total	433,748	415,371	4.4	2,667,611 R	2,906,899	-8.2						
Packaging & One Time Use	164,241	162,900	0.8	1,030,226 R	1,151,366	-10.5						
Consumer & Institutional Products	42,227	43,266	-2.4	295,018 R	320,291	-7.9						
Electrical/Electronics	58,623	55,858	5.0	382,846	396,928	-3.5						
Furniture,Furnishings,Bldg. & Construction	24,379	23,777	2.5	141,416 R	164,735	-14.2						
Expandable Polystyrene	72,298	61,413	17.7	362,281 R	401,457	-9.8						
Resellers and Compounders	63,860	56,709	12.6	386,997 R	375,791	3.0						
All Other End-Uses	8,120	11,448	-29.1	68,827 R	96,331	-28.6						

R = Revision
N/C - Not Comparable

D6 = Disclosure: Included in Other EPS
D13 = Disclosure: Included in Crystal (Solid) Polystyrene

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(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
ABS (ACRYLONITRILE–BUTADIENE–STYRENE), TOTAL	93,768	102,773	-8.8	626,403 R	694,931	-9.9	107,625	108,589	-0.9	595,754 R	686,928	-13.3
SAN (STYRENE–ACRYLONITRILE), TOTAL	10,399	10,324	0.7	68,139 R	77,410	-12.0	8,639	11,400	-24.2	62,556 R	75,505	-17.1
Total Exports	2,995	3,666	-18.3	21,006 R	28,532	-26.4						
Total Domestic	7,404	6,658	11.2	47,133 R	48,878	-3.6						
OTHER STYRENICS (40% OR MORE STYRENE), TOTAL	13,071	11,057	18.2	88,117 R	90,738	-2.9	13,096	10,517	24.5	76,364 R	84,734	-9.9
ABS, SAN, & OTHER STYRENICS, TOTAL	117,238	124,154	-5.6	782,659 R	863,079	-9.3	129,360	130,506	-0.9	734,674 R	847,167	-13.3
Total Exports	17,798	21,221	-16.1	128,371 R	134,360	-4.5						
Total Domestic	99,440	102,933	-3.4	654,288 R	728,719	-10.2						
Electrical/Electronics	D2	D2		D2	D2							
Building & Construction	12,211	12,131	0.7	61,900	89,805	-31.1						
Transportation	31,198	32,308	-3.4	192,417 R	228,127	-15.7						
Consumer & Institutional	10,626	13,275	-20.0	80,466 R	94,922	-15.2						
All Other Uses	45,405	45,219	0.4	319,505 R	315,865	1.2						
*STYRENE BASED LATEXES, TOTAL**	93,825	84,357	11.2	626,906 R	641,973	-2.3	86,527	83,762	3.3	589,315	606,700	-2.9
Carpet Backing	33,175	31,788	4.4	231,238 R	240,812	-4.0						
All Other Uses	60,650	52,569	15.4	395,668	401,161	-1.4						
NYLON RESINS, TOTAL(6)	55,757	45,043	23.8	366,299	331,222	10.6	N/A	N/A		N/A	N/A	
Imports, Total							N/A	N/A		N/A	N/A	
Exports, Total	7,371	6,392	15.3	52,558	42,868	22.6						
Domestic, Total **	48,386	38,651	25.2	313,741	288,354	8.8	46,672	49,381	-5.5	322,645	338,338	-4.6
Injection Molding Grade	28,799	22,803	26.3	188,933 R	169,690	11.3						
Extrusion Grade	14,878	12,628	17.8	95,630 R	91,175	4.9						
Resellers & Compounders	3,036	1,807	68.0	20,913	21,154	-1.1						
All Other Uses	1,673	1,413	18.4	8,265	6,335	30.5						
Nylon End–Uses, Total	48,386	38,651	25.2	313,741	288,354	8.8						
Automotive and Truck	16,442	13,658	20.4	109,675 R	97,129	12.9						
Electrical and Electronic	5,594	4,410	26.8	34,623 R	34,967	-1.0						
Appliances	1,420	1,094	29.8	10,288 R	8,113	26.8						
Film and Coating	6,004	6,758	-11.2	43,337 R	44,538	-2.7						
Wire and Cable	2,620	2,462	6.4	18,890	19,747	-4.3						
Monofilament	1,807	1,615	11.9	13,378	12,856	4.1						
Consumer	3,198	1,795	78.2	16,758 R	12,044	39.1						
Industrial/Machinery	4,471	3,376	32.4	27,052	25,743	5.1						
All Other End–Uses	6,830	3,483	96.1	39,740	33,217	19.6						

* – Styrene Based Latexes Sales include some Canadian produced material.
** – 1991 Domestic Sales Include Sales to Canada.
D2 = Disclosure: Included in All Other Uses.
R = Revision

R = Revision
N/A = Not Available.
(6) – Includes sales from imports.

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	JULY			*YEAR-TO-DATE*			*JULY*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (DRY RESIN CONTENT)	847,040	690,910	22.6	5,272,205	5,331,639	-1.1	804,414	710,434	13.2	5,152,659	5,278,339	-2.4
Homopolymer Resins, Including Blending & Latex	790,319	642,167	23.1	4,872,160	4,926,527	-1.1	752,349	664,438	13.2	4,726,475	4,861,208	-2.8
Copolymer Resins, Including Blending & Latex	13,734	11,604	18.4	102,835	120,854	-14.9	12,397	9,938	24.7	127,235	118,236	7.6
Dispersion Resins	42,987	37,139	15.7	297,210	284,258	4.6	39,668	36,058	10.0	298,949	298,895	0.0
Exports, Total	151,060	60,785	148.5	924,899	529,674	74.6						
Domestic, Total	695,980	630,125	10.5	4,347,306	4,801,965	-9.5						
Calendering, Total	86,790	71,539	21.3	578,211	582,312	-0.7						
Flooring	15,512	14,425	7.5	116,109	130,572	-11.1						
Textile	6,826	5,402	26.4	57,668	61,188	-5.8						
All Other Calendering Uses	64,452	51,712	24.6	404,434	390,552	3.6						
Coating, Total	23,221	24,126	-3.8	178,189	194,515	-8.4						
Flooring	10,481	9,947	5.4	85,384	84,062	1.6						
Textile and Paper Coating	7,388	8,165	-9.5	53,507	55,872	-4.2						
Protective Coatings	3,048	3,890	-21.6	23,448	29,034	-19.2						
Adhesives & All Other Coating Uses	2,304	2,124	8.5	15,850	25,547	-38.0						
Extrusion, Total	490,715	441,930	11.0	2,959,539	3,283,882	-9.9						
Wire and Cable	25,062	23,570	6.3	193,808	219,783	-11.8						
Film and Sheet, Packaging	21,024	18,557	13.3	158,890	182,168	-12.8						
Film and Sheet, Non-Packaging	3,669	2,796	31.2	28,296	25,557	10.7						
Siding, Siding Acc. & Moble Home Skirting	92,380	71,204	29.7	490,726	497,204	-1.3						
Rigid Pipe and Tubing (except fittings)	299,592	279,852	7.1	1,768,500	2,016,508	-12.3						
Extruded Windows and Doors	10,310	N/A		61,272	N/A							
All Other Extrusion Uses	38,678	45,951	N/C	258,047	342,662	N/C						
Molding, Total	42,420	42,163	0.6	271,036	306,754	-11.6						
Bottles	17,434	17,770	-1.9	114,629	133,421	-14.1						
Fittings (Rigid Pipe and Tubing)	19,844	14,348	38.3	115,423	96,639	19.4						
All Other Molding Uses	5,142	10,045	-48.8	40,984	76,694	-46.6						
Paste Processes (except coating), Total	14,540	13,995	3.9	107,044	108,196	-1.1						
Plastisol Formulation	7,941	7,924	0.2	59,621	58,941	1.2						
All Other Paste Process Uses	6,599	6,071	8.7	47,423	49,255	-3.7						
Resellers & Compounders	32,465	22,995	41.2	217,682	212,312	2.5						
All Other Uses	5,829	13,377	-56.4	35,605	113,994	-68.8						

N/A = Not Available

N/C = Not Comparable

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT

(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	JULY			*YEAR-TO-DATE*			*JULY*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)												
Exports, Total												
Domestic, Total												
Emulsion Paints												
Adhesives, Caulks and Sealants												
Paper Treating & Paper Coating												
Textile Treating												
Non-Woven Binders												
All Other Uses												
POLYVINYL ALCOHOL, TOTAL (3)												
Exports, Total												
Domestic, Total												
OTHER VINYL RESINS, TOTAL (4)	13,092	13,444	-2.6	103,794	11[illegible]	-7.2	11,638	13,914	-16.4	106,260	126,152	**-15.8**
Exports, Total	5,898	4,089	44.2	47,841	39,514	21.1						
Domestic, Total	7,194	9,355	-23.1	55,953	72,340	-22.7						
THERMOPLASTIC POLYESTER, TOTAL (6)	186,267	150,753	23.6	1,190,143	1,097,618	8.4	170,033	153,661	10.7	1,169,838	1,078,919	**8.4**
Exports, Total	36,895	29,275	26.0	291,077	213,051	36.6						
PET Bottle Grade Resin, Exports	D	D		D	D							
All Other Exports	D	D		D	D							
Domestic, Total	149,372	121,478	23.0	899,066	884,567	1.6						
Domestic PET	N.R.	N.R.		N.R.	N.R.							
Solid State Phase Resin	D12	D12		D12	D12							
PET Bottle Grades	100,422	80,610	24.6	622,088	618,745	0.5						
PET/PBT Resellers & Compounders	N.R.4	N.R.4		N.R.4	N.R.4							
All Other Thermoplastic Polyester	48,950	40,868	19.8	276,978	265,822	4.2						

(2) – The publishing of PVAC data has been suspended.

(3) – The publishing of PVOH data has been suspended.

(4) – Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

D12 = Disclosure: Included in All Other Thermoplastic Polyester.

N.R.4 = Not Reported: Included in All Other Thermoplastic Polyester.

N.R. = Not Reported

D = Disclosure

(6) – Includes sales from imports.

The Society of the
Plastics Industry, Inc.

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED
June 30, 1991

DATA FOR CALCULATING APPARENT CONSUMPTION OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: September 16, 1991

CRS

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(Millions of pounds, dry weight basis)(1)

JUNE 1991

RESIN KIND	JUNE				YEAR-TO-DATE			
	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*
EPOXY RESIN, TOTAL	44.5	31.3	1.5	7.2	244.7	184.9	8.6	45.6
POLYESTER (UNSATURATED) RESINS, TOTAL	92.9	90.4	1.5	6.0	533.7	525.0	5.6	46.0
UREA RESINS, TOTAL **	127.1	123.6	1.1	1.9	736.4	733.0	9.3	11.1
MELAMINE RESINS, TOTAL **	16.3	14.1	0.4	1.9	102.1	83.9	3.2	11.6
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	234.2	231.7	2.4	7.3	1,287.8	1,283.4	17.1	40.9
THERMOSETTING RESINS, TOTAL	515.0	491.1	6.9	24.3	2,904.7	2,810.2	43.8	155.2
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	566.1	494.4	12.3	94.1	3,505.3	2,844.4	81.6	529.0
LINEAR LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	292.3	331.2	48.1	46.8	2,052.1	1,993.9	330.6	317.8
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL (6)	776.2	664.9	37.3	99.2	4,406.0	3,900.0	228.7	642.2
POLYPROPYLENE, TOTAL (6)	693.0	525.4	6.6	153.6	4,073.4	3,237.5	40.0	1,017.7
ABS RESINS, TOTAL ** (ACRYLONITRILE-BUTADIENE-STYRENE)	85.3	93.0	6.8	14.6	487.2	531.8	39.5	94.2
SAN (STYRENE-ACRYLONITRILE) RESINS, TOTAL	9.0	6.9	0.4	13.7	54.4	39.5	2.1	50.2
OTHER STYRENICS **	98.5	104.5	0.2	20.5	566.1 R	608.0 R	1.7	111.9
POLYSTYRENE RESINS, TOTAL	393.1	385.4	4.2	26.6	2,342.0	2,231.0	20.2	173.4
NYLON RESINS, TOTAL (6)	47.2	48.7	7.7	15.6	276.0	265.4 R	34.2	85.5
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	791.2	656.3	6.9	124.7	4,348.2	3,651.3	39.3	734.7
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (4)								
POLYVINYL ALCOHOL, TOTAL (4)								
OTHER VINYL RESINS	16.5	9.3	N/A	N/A	94.6	48.8	N/A	N/A
THERMOPLASTIC POLYESTER, TOTAL (6)	179.6	133.4	3.8	52.4	999.8 R	749.7 R	41.9	296.4
THERMOPLASTIC RESINS, TOTAL	3,948.0	3,453.4	134.3	661.8	23,205.1 R	20,101.3 R	859.8	4,053.0
GRAND TOTAL	4,463.0	3,944.5	141.2	686.1	26,109.8 R	22,911.5 R	903.6	4,208.2

(1) = Except phenolic resins which are reported on a gross weight basis.
(4) = The publishing of PVOH and PVAC data is temporarily suspended.
* Except for Epoxy Resin, Bureau of Census exports will differ from exports published in the SPI Monthly Statistical Report.
** = Domestic Sales include Exports.
(6) = Data Includes Sales from Imports.

Monthly and Year-To-Date totals may not agree due to government revisions and rounding.

N/A = Not Available
R = Revision

Sources:
Sales and Production – SPI Monthly Statistical Report
Imports – Bureau of the Census (IM 145)
Exports – Bureau of the Census (EM 545)

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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The Society of the
Plastics Industry, Inc.

SPI

MonthlyStatisticalReport-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED
August 31, 1991

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING & THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

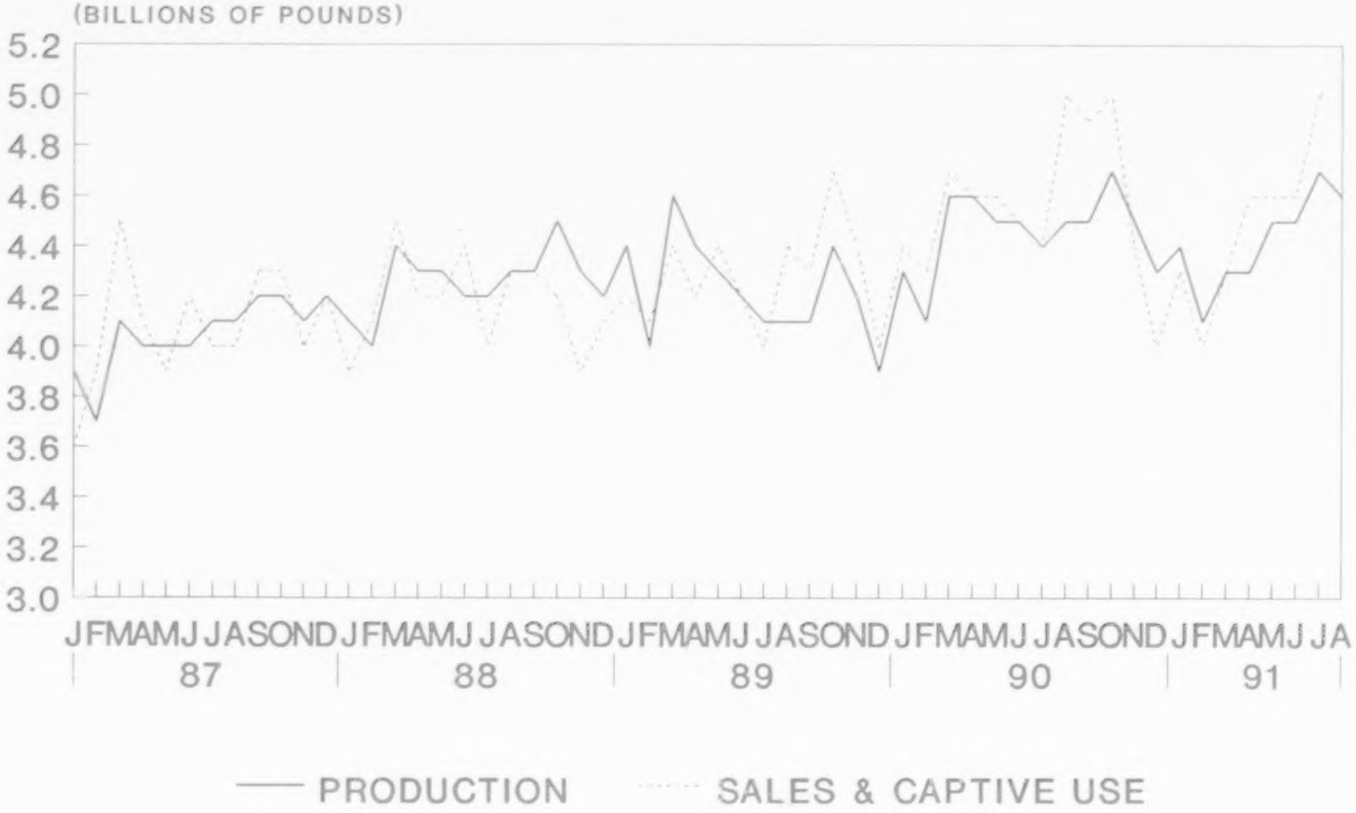
NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: October 11, 1991

THE SOCIETY OF THE PLASTICS INDUSTRY

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS



THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

MONTHLY STATISTICAL REPORT

(Thousands of pounds, dry weight basis)(1)

AUGUST 1991

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	% CHG	1991	1990	% CHG	1991	1990	% CHG
EPOXY RESIN, TOTAL	44,786	40,818	9.7	322,769	327,445	-1.4	47,642	41,926	13.6	343,859	341,332	0.7
POLYESTER (UNSATURATED) RESINS, TOTAL	97,860	106,789	-8.4	724,146	862,567	-16.0	96,910	107,640	-10.0	722,727	872,440	-17.2
UREA RESINS, TOTAL	125,626	126,360	-0.6	985,434	1,031,955	-4.5	125,424	124,173	1.0	983,742	1,025,099	-4.0
MELAMINE RESINS, TOTAL	16,037	19,153	-16.3	115,360	119,259	-3.3	15,262	17,729	-13.9	132,753	134,149	-1.0
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	224,682	241,353	-6.9	1,762,709	2,010,445	-12.3	224,313	245,462	-8.6	1,755,317	2,012,292	-12.8
THERMOSETTING RESINS, TOTAL	508,991	534,473	-4.8	3,910,418	4,351,671	-10.1	509,551	536,930	-5.1	3,938,398	4,385,312	-10.2
LOW-DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	673,481	658,260	2.3	4,903,271	4,731,958	3.6	645,264	609,191	5.9	4,784,733	4,810,191	-0.5
LINEAR-LOW DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6) (E)	474,122	444,466	6.7	3,194,493	3,077,351	3.8	359,118	330,723	8.6	2,755,572	2,472,911	11.4
HIGH-DENSITY POLYETHYLENE (ABOVE 0.940), TOTAL (6)	858,580	835,325	2.8	6,026,767 R	5,739,312	5.0	768,658	723,621	6.2	5,966,180	5,425,813	10.0
POLYPROPYLENE, TOTAL (7)	764,678	758,284	0.8	5,552,881	5,450,116	1.9	698,897	653,887	6.9	5,496,647	5,476,009	0.4
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	98,663	104,347	-5.4	725,066	799,278	-9.3	92,484	91,629	0.9	688,238	778,557	-11.6
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	9,426	12,968	-27.3	77,565	90,378	-14.2	7,530	13,634	-44.8	70,086	89,139	-21.4
POLYSTYRENE RESINS, TOTAL	454,427	466,627	-2.6	3,272,154	3,470,442	-5.7	448,876	425,645	5.5	3,256,446	3,361,506	-3.1
STYRENE BASED LATEXES, TOTAL **	103,744	103,307	0.4	730,650	745,280	-2.0	98,532	95,411	3.3	687,847	702,111	-2.0
OTHER STYRENICS, TOTAL (40% or More Styrene)	13,041	13,146	-0.8	101,181 R	103,884	-2.6	12,031	11,321	6.3	88,408 R	96,055	-8.0
NYLON RESINS (6)	61,725	51,482	19.9	428,024	382,704	11.8	47,784	48,301	-1.1	370,429	386,639	-4.2
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	837,088	802,558	4.3	6,109,293	6,134,197	-0.4	793,185	774,412	2.4	5,945,844	6,052,751	-1.8
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)	N/A	N/A		N/A	N/A		N/A	N/A		N/A	N/A	
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
OTHER VINYL RESINS (4)	14,123	17,026	-17.1	117,917	128,880	-8.5	17,891	19,339	-7.5	124,151	145,491	-14.7
THERMOPLASTIC POLYESTER, TOTAL (6)	183,263	148,912	23.1	1,402,728 R	1,246,530	12.5	149,002	161,293	-7.6	1,318,840	1,240,212	6.3
THERMOPLASTIC RESINS, TOTAL	4,546,361	4,416,708	2.9	32,641,990	32,100,310	1.7	4,139,252	3,958,407	4.6	31,555,421	31,037,385	1.7
GRAND TOTAL	5,055,352	4,951,181	2.1	36,552,408	36,451,981	0.3	4,648,803	4,495,337	3.4	35,493,819	35,422,697	0.2

(1) = Except phenolic resins which are reported on a gross weight basis.

** = Sales and Captive Use figures include some Canadian produced materials.

(2) = The publishing of PVAC has been suspended.

(E) = Estimate – Data includes estimates for one company.

D = Disclosure

R = Revision

(3) = The publishing of PVOH data has been suspended.

(4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

(6) = Data Includes Sales from Imports.

(7) = 1991 Data Includes Sales from Imports.

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	AUGUST			*YEAR-TO-DATE*			*AUGUST*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
EPOXY RESIN, TOTAL	44,786	40,818	9.7	322,769	327,445	-1.4	47,642	41,926	13.6	343,859	341,332	0.7
Exports, Total	8,646	7,337	17.8	61,893	55,210	12.1						
Captive Use, Total	1,092	1,227	-11.0	11,455	11,075	3.4						
Domestic Sales, Total	35,048	32,254	8.7	249,421	261,160	-4.5						
Domestic Sales & Captive Use,Total	36,140	33,481	7.9	260,876	272,235	-4.2						
Bonding & Adhesives	2,459	2,170	13.3	17,374	19,006	-8.6						
Flooring, Paving & Exposed Aggregate	3,102	1,868	66.1	19,026	18,491	2.9						
Protective Coatings	17,505	17,033	2.8	130,146	135,223	-3.8						
Fiber Reinforced Laminates & Composites	7,803	7,050	10.7	51,573	56,148	-8.1						
FRL&C for Printed Wiring Board	5,307	4,599	15.4	32,051	36,697	-12.7						
All Other FRL&C	2,496	2,451	1.8	19,522	19,451	0.4						
Tooling, Casting & Molded Resins	2,108	2,436	-13.5	16,681	18,794	-11.2						
All Other Uses	3,163	2,924	8.2	26,076	24,573	6.1						
POLYESTER (UNSATURATED) RESINS, TOTAL	97,860	106,789	-8.4	724,146	862,567	-16.0	96,910	107,640	-10.0	722,727	872,440	-17.2
Total Exports	1,796	1,294	38.8	13,239	14,751	-10.3						
Total Domestic	96,064	105,495	-8.9	710,907	847,816	-16.1						
General Purpose Resins, Total	82,869	89,871	-7.8	605,905	730,601	-17.1						
General Purpose - Thixotropic	28,158	33,402	-15.7	217,376	281,040	-22.7						
General Purpose - Press Molding	10,162	12,259	-17.1	78,358	97,225	-19.4						
General Purpose - Panel	8,724	6,901	26.4	55,408	57,815	-4.2						
General Purpose - All Other	35,825	37,309	-4.0	254,763	294,521	-13.5						
Flame Retardant Resins	2,070	1,915	8.1	13,175	16,043	-17.9						
Chemical Resistant Resins, Total	11,125	13,709	-18.8	91,827	101,172	-9.2						
Chemical Resistant Isophthalic Resins	7,773	9,511	-18.3	62,431	71,525	-12.7						
All Other Chemical Resistant Resins	3,352	4,198	-20.2	29,396	29,647	-0.8						
Reinforced Plastic, Total	66,723	77,662	-14.1	503,450	625,850	-19.6						
Non-Reinforced Plastics, Total	29,341	27,833	5.4	207,457	221,966	-6.5						

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)(1)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	AUGUST			*YEAR-TO-DATE*			*AUGUST*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
UREA RESINS, TOTAL	125,626	126,360	-0.6	985,434	1,031,955	-4.5	125,424	124,173	1.0	983,742	1,025,099	-4.0
MELAMINE RESINS, TOTAL	16,037	19,153	-16.3	115,360	119,259	-3.3	15,262	17,729	-13.9	132,753	134,149	-1.0
UREA & MELAMINE RESINS, TOTAL	141,663	145,513	-2.6	1,100,794	1,151,214	-4.4	140,686	141,902	-0.9	1,116,495	1,159,248	-3.7
Total Exports	D1	D1		D1	D1							
Total Domestic	141,663	145,513	-2.6	1,100,794	1,151,214	-4.4						
Textile Coating & Treating Resins	1,717	3,008	-42.9	14,285	22,781	-37.3	1,471	2,566	-42.7	16,515	30,258	-45.4
Paper Coating & Treating Resins	4,576	5,026	-9.0	35,696	38,958	-8.4	5,012	5,382	-6.9	36,953	40,217	-8.1
Molding Compounds	D2	D2		D2	D2		D2	D2		D2	D2	
Bonding & Adhesive Resins for:	111,709	110,906	0.7	883,177	904,018	-2.3	111,195	[illegible]	1.6	880,217	902,371	-2.5
Laminating	1,145	1,596	-28.3	10,193	13,646	-25.3	1,078	1,613	-33.2	10,225	14,197	-28.0
Plywood	5,248	5,381	-2.5	40,557	39,533	2.6	5,344	5,337	0.1	40,773	39,897	2.2
Fibrous & Granulated Wood (Particle Board)	105,316	103,929	1.3	832,427	850,839	-2.2	104,773	102,474	2.2	829,219	848,277	-2.2
Protective Coatings (Straight & Modified)	9,717	12,118	-19.8	66,609	70,509	-5.5	10,125	11,929	-15.1	91,307	90,400	1.0
All Other Uses	13,944	14,455	-3.5	101,027	114,948	-12.1	12,883	12,601	2.2	91,503	96,002	-4.7
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	224,682	241,353	-6.9	1,762,709	2,010,445	-12.3	224,313	245,462	-8.6	1,755,317	2,012,292	-12.8
Total Exports	1,174	1,545	-24.0	9,460	16,342	-42.1						
Total Domestic	223,508	239,808	-6.8	1,753,249	1,994,103	-12.1						
Molding Compounds	13,985	15,471	-9.6	103,421	114,274	-9.5	13,525	15,730	-14.0	101,739	126,819	-19.8
Bonding & Adhesive Resins for:	206,207	220,929	-6.7	1,623,365	1,854,259	-12.5	208,508	226,387	-7.9	1,626,647	1,859,646	-12.5
Laminating	12,741	13,860	-8.1	98,181	116,283	-15.6	12,867	14,182	-9.3	98,381	116,632	-15.6
Coated & Bonded Abrasives	D3	2,208		D3	18,333		D3	1,949		D3	18,110	
Friction Materials	2,702	4,266	-36.7	26,402	31,568	-16.4	3,424	4,543	-24.6	25,209	32,507	-22.5
Insulation Materials	33,819	35,439	-4.6	251,389	284,460	-11.6	34,085	35,178	-3.1	251,851	284,275	-11.4
Foundry & Shell Molding	6,736	6,020	11.9	53,075	52,588	0.9	6,765	6,120	10.5	52,763	52,561	0.4
Plywood	D3	D3		D3	D3		D3	D3		D3	D3	
Fibrous and Granulated Wood	D3	D3		D3	D3		D3	D3		D3	D3	
Resins Sold to Rubber Industry	D3	D3		D3	D3		D3	D3		D3	D3	
All Other	150,209	159,136	N/C	1,194,318	1,351,027	N/C	151,367	164,415	N/C	1,198,443	1,355,561	N/C
Protective Coatings - Unmodified & Modified	D2	D2		D2	D2		D2	D2		D2	D2	
Resins Sold to Rubber Ind. - Non Adhesive Uses	D2	D2		D2	D2		D2	D2		D2	D2	
All Other Uses	3,316	3,408	-2.7	26,463	25,570	3.5	2,280	3,345	-31.8	26,931	25,827	4.3

D1 = Disclosure: Included in Domestic, Total and All Other Uses.
D2 = Disclosure: Included in All Other Uses.
D3 = Disclosure: Included in All Other Bonding & Adhesive Resins.

(1) = Phenolic is on a Gross Weight Basis.
N/C = Not Comparable.

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RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	AUGUST			*YEAR-TO-DATE*			*AUGUST*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
LOW DENSITY POLYETHYLENE - 0.940 & BELOW, TOTAL (6)	673,481	658,260	2.3	4,903,271	4,731,958	3.6	664,508	630,580	5.4	4,900,276	4,934,286	-0.7
Imports, Total							19,244	21,389	-10.0	115,543	124,095	-6.9
Exports, Total	102,079	81,106	25.9	923,323	547,220	68.7						
Domestic, Total	571,402	577,154	-1.0	3,979,948	4,184,738	-4.9	645,264	609,191	5.9	4,784,733	4,810,191	-0.5
Film (12 Mils & Below)	360,176	340,968	5.6	2,364,900	2,472,739	-4.4						
Packaging Film	247,556	229,864	7.7	1,620,698	1,682,524	-3.7						
Food Packaging Film	122,074	96,933	25.9	808,883	781,894	3.5						
Non-Food Packaging Film	107,556	107,218	0.3	652,256	708,052	-7.9						
Shrink Film	13,194	14,093	-6.4	90,878	107,122	-15.2						
Stretch Film	4,732	11,620	-59.3	68,681	85,456	-19.6						
Non-Packaging Film	112,620	111,104	1.4	744,202	790,215	-5.8						
Carry-Out Bags	13,492	16,399	-17.7	94,199	91,616	2.8						
Trash and Can Liners	31,854	35,695	-10.8	229,463	245,217	-6.4						
Other Non-Packaging Film	67,274	59,010	14.0	420,540	453,382	-7.2						
Sheet (Over 12 Mils)	7,603	7,405	2.7	49,297	50,260	-1.9						
Injection Molding	27,973	33,510	-16.5	185,959	249,880	-25.6						
Injection Molded Lids	3,757	7,516	-50.0	33,671	53,978	-37.6						
Injection Molded Housewares	4,689	4,067	15.3	32,671	32,615	0.2						
Other Injection Molding	19,527	21,927	-10.9	119,617	163,287	-26.7						
Wire and Cable	17,462	22,339	-21.8	154,160	165,804	-7.0						
Extrusion Coating	70,464	66,208	6.4	551,317	517,614	6.5						
Blow Molding	7,848	5,592	40.3	46,119	41,794	10.3						
Pipe and Conduit, Total	D5	D5		D5	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	8,164	8,733	-6.5	54,827	60,319	-9.1						
Rotomolding	D2	D2		D2	D2							
Resellers & Compounders, Total	46,021	61,903	-25.7	412,202	381,766	8.0						
Resellers	30,376	44,092	-31.1	281,730	266,891	5.6						
Compounders	15,645	17,811	-12.2	130,472	114,875	13.6						
Adhesives and Sealants	12,172	9,844	23.6	88,516	71,606	23.6						
All Other Uses	13,519	20,652	-34.5	72,651	172,956	-58.0						

D2 = Disclosure: Included in All Other Uses.

D5 = Disclosure: Included in Other Extruded Products.

(6) = Sales Include Imports.

D = Disclosure

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RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	AUGUST			*YEAR-TO-DATE*			*AUGUST*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
LINEAR LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6) (E)	474,122	444,466	6.7	3,194,493	3,077,351	3.8	426,751	403,226	5.8	3,200,244	3,041,741	5.2
Imports, Total							67,633	72,503	-6.7	444,672	568,830	-21.8
Exports, Total	42,503	23,011	84.7	342,784	153,675	123.1						
Domestic, Total	431,619	421,455	2.4	2,851,709	2,923,676	-2.5	359,118	330,723	8.6	2,755,572	2,472,911	11.4
Film (12 Mils & Below)	282,098	270,007	4.5	1,833,862	1,898,561	-3.4						
Packaging Film	133,649	115,598	15.6	828,921	825,285	0.4						
Food Packaging Film	22,765	20,094	13.3	159,216	144,663	10.1						
Non-Food Packaging Film	55,823	66,535	-16.1	324,023	458,140	-29.3						
Shrink Film	D10	D10		D10	D10							
Stretch Film	55,061	28,969	90.1	345,682	222,482	55.4						
Non-Packaging Film	148,449	154,409	-3.9	1,004,941	1,073,276	-6.4						
Carry-Out Bags	22,550	22,859	-1.4	173,267	163,629	5.9						
Trash and Can Liners	103,755	100,786	2.9	681,426	704,011	-3.2						
Other Non-Packaging Film	22,144	30,764	-28.0	150,248	205,636	-26.9						
Sheet (Over 12 Mils)	3,518	5,964	-41.0	38,061	33,050	15.2						
Injection Molding	49,850	55,019	-9.4	361,614	353,996	2.2						
Injection Molded Lids	13,593	17,955	-24.3	109,784	123,494	-11.1						
Injection Molded Housewares	24,244	24,026	0.9	187,328	150,864	24.2						
Other Injection Molding	12,013	13,038	-7.9	64,502	79,638	-19.0						
Wire and Cable	12,805	11,674	9.7	94,707	96,874	-2.2						
Extrusion Coating	D5	D5		D5	D5							
Blow Molding	1,237	1,900	-34.9	8,007	19,511	-59.0						
Pipe and Conduit, Total	3,012	3,796	-20.7	28,410	40,182	-29.3						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	2,649	2,655	-0.2	24,648	21,681	13.7						
Rotomolding	18,481	32,541	-43.2	135,446	219,282	-38.2						
Resellers & Compounders, Total	46,262	25,171	83.8	251,121	159,212	57.7						
Resellers	38,459	11,219	242.8	187,370	75,720	147.5						
Compounders	7,803	13,952	-44.1	63,751	83,492	-23.6						
Adhesives and Sealants	D2	D2		D2	D2							
All Other Uses	11,707	12,728	-8.0	75,833	81,327	-6.8						

D2 = Disclosure: Included in All Other Uses.
D5 = Disclosure: Included in Other Extruded Products.
D10 = Disclosure: Shrink Film is Included in Stretch Film.

(6) = Sales include imports.
(E) – Estimate – Data include estimates for one company.

D = Disclosure

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	AUGUST			*YEAR-TO-DATE*			*AUGUST*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
HIGH DENSITY POLYETHYLENE – ABOVE 0.940. TOTAL (6)	858,580	835,325	2.8	6,026,767 R	5,739,312	5.0	802,993	762,600	5.3	6,190,647 R	5,683,785	8.9
Imports, Total							34,335	38,979	-11.9	224,467 R	257,972	-13.0
Exports, Total	101,510	64,999	56.2	665,958 R	451,062	47.6						
Domestic, Total	757,070	770,326	-1.7	5,360,809 R	5,288,250	1.4	768,658	723,621	6.2	5,966,180	5,425,813	10.0
Film (12 Mils & Below)	91,400	83,247	9.8	624,131 R	590,432	5.7						
Packaging Film	21,900	20,659	6.0	139,846 R	162,737	-14.1						
Food Packaging Film	15,074	14,276	5.6	98,675 R	110,693	-10.9						
Non–Food Packaging Film	6,826	6,383	6.9	41,171 R	52,044	-20.9						
Non–Packaging Film	69,500	62,588	11.0	484,285 R	427,695	13.2						
Retail Bags	57,778	48,547	19.0	404,653 R	330,489	22.4						
Grocery Sacks & T–Shirt Bags	26,964	22,453	20.1	195,046 R	171,684	13.6						
All Other Retail Bags	30,814	9,301	N/C	209,607 R	48,022	N/C						
Trash Bags/Can Liners	D9	16,793		D9	110,783							
All Other Non–Packaging Film	11,722	14,041	-16.5	79,632 R	97,206	-18.1						
Sheet (Over 12 Mils)	26,896	33,226	-19.1	201,732	255,139	-20.9						
Injection Molding, Total	152,882	152,074	0.5	1,117,150	1,069,358	4.5						
Pails (5 gallons or less)	49,431	41,493	19.1	339,484	309,248	9.8						
Housewares	15,218	9,293	63.8	91,119	71,253	27.9						
Food Tubs/Containers & Drink Cups	28,344	28,911	-2.0	202,885	209,476	-3.1						
Crates and Totes	19,390	22,904	-15.3	157,388	150,585	4.5						
Toys/Novelties/Sporting Goods	8,133	5,229	55.5	50,532	40,372	25.2						
Caps and Closures	9,711	10,138	-4.2	67,725	72,487	-6.6						
All Other Injection Molding	22,655	34,106	-33.6	208,017	215,937	-3.7						
Wire and Cable	13,658	15,223	-10.3	99,145	117,000	-15.3						
Blow Molding, Total	271,422	266,458	1.9	1,988,517 R	1,941,874	2.4						
Motor Oil Bottles	18,558	20,411	-9.1	133,172	150,022	-11.2						
Liquid Food Bottles	88,568	90,380	-2.0	653,325	653,953	-0.1						
Household Chemical Bottles	79,608	81,801	-2.7	606,678	594,276	2.1						
Industrial Drums	20,609	13,856	48.7	138,487 R	104,604	32.4						
Gas Tanks, All Uses	4,380	2,903	50.9	26,396 R	22,849	15.5						
Pharm., Cosmetics, & Toiletries	19,917	20,142	-1.1	145,288	148,979	-2.5						
All Other Blow Molding	39,782	36,965	7.6	285,171 R	267,191	6.7						
Pipe and Conduit, Total	53,769	70,939	-24.2	381,261 R	441,622	-13.7						
Corrugated	13,195	9,238	42.8	76,959	73,004	5.4						
Non–Corrugated	40,574	61,701	-34.2	304,302 R	368,618	-17.4						
Gas Distribution	14,970	26,928	-44.4	120,626 R	135,719	-11.1						
Water	11,205	D11		69,920 R	D11							
Industrial/Sewer	11,645	D11		93,346 R	D11							
All Other Non–Corrugated Pipe	2,754	34,773	N/C	20,410 R	232,899	N/C						
Other Extruded Products	9,757	10,195	-4.3	72,396 R	61,680	17.4						
Rotomolding	5,173	7,114	-27.3	50,813	52,319	-2.9						
Reseller & Compounders, Total	101,789	101,388	0.4	628,191 R	557,093	12.8						
Resellers	97,313	97,703	-0.4	594,033 R	521,675	13.9						
Compounders	4,476	3,685	21.5	34,158 R	35,418	-3.6						
All Other HDPE	30,324	30,462	-0.5	197,473 R	201,733	-2.1						

D9 = Disclosure: Included in All Other Retail Bags.
D11 = Disclosure: Included in All Other Non–Corrugated Pipe.

(6) = Sales Include Imports.

N/C = Not Comparable.
R = Revision

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RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	AUGUST			*YEAR-TO-DATE*			*AUGUST*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
POLYPROPYLENE, TOTAL (7)	764,678	758,284	0.8	5,552,881	5,450,116	1.9	705,190	N/A		5,526,133	N/A	
Imports, Total							6,293	N/A		27,486	N/A	
Exports, Total	137,647	136,507	0.8	1,102,953	1,004,344	9.8						
Domestic, Total	627,031	621,777	0.8	4,449,928	4,445,772	0.1	698,897	653,887	6.9	5,498,647	5,476,009	0.4
Injection Molding, Total	183,222	180,634	1.4	1,304,270	1,308,659	-0.3						
Appliances	16,485	16,804	-1.9	110,322	121,163	-8.9						
Consumer Products	60,182	62,725	-4.1	445,410	429,872	3.6						
Rigid Packaging	66,479	59,085	12.5	459,012	443,831	3.4						
Transportation	24,318	27,009	-10.0	168,975	197,081	-14.3						
All Other Injection Molding	15,758	15,011	5.0	120,551	116,712	3.3						
Blow Molding	11,902	15,377	-22.6	96,312	100,633	-4.3						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below), Total	58,167	52,067	11.7	451,251	395,754	14.0						
Oriented Film	43,141	43,388	-0.6	345,711	319,560	8.2						
Non-Oriented Film	15,026	8,679	73.1	105,540	76,194	38.5						
Sheet (Over 10 Mils), Total	13,096	10,703	22.4	85,241	91,464	-6.8						
Packaging	6,243	D		46,508	D							
Non-Packaging	6,853	D		38,733	D							
Extrusion Coating	2,038	2,271	-10.3	13,636	14,048	-2.9						
Wire and Cable	D5	D5		D5	D5							
Fiber and Filaments, Total	189,516	190,005	-0.3	1,336,570	1,408,700	-5.1						
Textile Applications	176,913	177,561	-0.4	1,258,666	1,325,760	-5.1						
Nonwovens	53,579	45,444	17.9	399,816	394,379	1.4						
Monofilament & Multifilament Fibers	64,988	64,690	0.5	468,474	479,987	-2.4						
Slit Film Fibers	58,346	67,427	-13.5	390,376	451,394	-13.5						
Non-Textile Monofilaments	12,603	12,444	1.3	77,904	82,940	-6.1						
Pipe and Conduit	D5	D5		D5	D5							
Other Extruded Products	7,989	11,126	-28.2	54,490	82,908	-34.3						
Resellers/Distributors/Compounders, Total	154,598	153,538	0.7	1,061,559	1,007,072	5.4						
Resellers	59,601	61,273	-2.7	423,660	386,910	9.5						
Distributors	31,985	37,190	-14.0	230,384	248,011	-7.1						
Compounders	63,012	55,075	14.4	407,515	372,151	9.5						
All Other Uses	6,503	6,056	7.4	46,599	36,534	27.5						

D5 = Disclosure: Included in Other Extruded Products.
(7) = Sales for 1991 Include Imports.

N/A = Not Available
D = Disclosure

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	AUGUST			*YEAR-TO-DATE*			*AUGUST*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
POLYSTYRENE RESINS, TOTAL	454,427	466,627	-2.6	3,272,154	3,470,442	-5.7	448,876	425,645	5.5	3,256,446	3,361,506	-3.1
Crystal (Solid) Polystyrene	178,067	253,170	N/C	1,294,349 R	1,866,016	N/C	164,696	170,818	-3.6	1,258,720	1,325,805	-5.1
Rubber Modified Polystyrene	214,849	213,457	0.7	1,516,227	1,604,426	-5.5	219,540	193,659	13.4	1,547,727	1,558,457	-0.7
Expandable Polystyrene	61,511	D13		461,578 R	D13		64,640	61,168	5.7	449,999	477,244	-5.7
Exports, Total	22,198	19,202	15.6	172,314	116,118	48.4						
Crystal (Solid) Polystyrene	5,882	10,813	N/C	54,299	63,807	N/C						
Rubber Modified Polystyrene	10,404	8,389	24.0	73,597	52,311	40.7						
Expandable Polystyrene	5,912	D13		44,418	D13							
Domestic, Total	432,229	447,425	-3.4	3,099,840	3,354,324	-7.6						
Molding	154,709	159,829	-3.2	1,094,232 R	1,166,368	-6.2						
Extrusion	206,648	218,977	-5.6	1,481,637 R	1,629,593	-9.1						
Expandable Polystyrene	55,599	56,973	-2.4	417,160 R	458,430	-9.0						
Block	23,816	25,217	-5.6	164,477 R	177,340	-7.3						
Shape	10,641	11,797	-9.8	92,190 R	101,460	-9.1						
Loose Fill	D6	D6		D6	D6							
Other EPS	21,142	19,959	5.9	160,493 R	179,630	-10.7						
All Other Uses	15,273	11,646	31.1	106,811	99,933	6.9						
Polystyrene End-Uses, Total	432,229	447,425	-3.4	3,099,840	3,354,324	-7.6						
Packaging & One Time Use	166,501	175,464	-5.1	1,196,846 R	1,326,830	-9.8						
Consumer & Institutional Products	49,168	54,162	-9.2	344,307 R	374,453	-8.1						
Electrical/Electronics	64,261	60,526	6.2	447,228 R	457,454	-2.2						
Furniture,Furnishings,Bldg. & Construction	22,209	26,636	-16.6	163,746 R	191,371	-14.4						
Expandable Polystyrene	55,599	56,973	-2.4	417,160 R	458,430	-9.0						
Resellers and Compounders	66,640	60,856	9.5	453,758 R	436,647	3.9						
All Other End-Uses	7,851	12,808	-38.7	76,795 R	109,139	-29.6						

R = Revision

D6 = Disclosure: Included in Other EPS

N/C - Not Comparable

D13 = Disclosure: Included in Crystal (Solid) Polystyrene

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RESIN	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
ABS (ACRYLONITRILE-BUTADIENE-STYRENE), TOTAL	98,663	104,347	-5.4	725,066	799,278	-9.3	92,484	91,629	0.9	688,238	778,557	-11.6
SAN (STYRENE-ACRYLONITRILE), TOTAL	9,426	12,968	-27.3	77,565	90,378	-14.2	7,530	13,634	-44.8	70,086	89,139	-21.4
Total Exports	1,977	4,739	-58.3	22,983	33,271	-30.9						
Total Domestic	7,449	8,229	-9.5	54,582	57,107	-4.4						
OTHER STYRENICS (40% OR MORE STYRENE), TOTAL	13,041	13,146	-0.8	101,181 R	103,884	-2.6	12,031	11,321	6.3	88,408 R	96,055	-8.0
ABS, SAN, & OTHER STYRENICS, TOTAL	121,130	130,461	-7.2	903,812 R	993,540	-9.0	112,045	116,584	-3.9	846,732 R	963,751	-12.1
Total Exports	15,608	21,486	-27.4	143,979	155,846	-7.6						
Total Domestic	105,522	108,975	-3.2	759,833 R	837,694	-9.3						
Electrical/Electronics	D2	D2		D2	D2							
Building & Construction	12,071	13,357	-9.6	73,971	103,162	-28.3						
Transportation	34,826	33,652	3.5	227,243	261,779	-13.2						
Consumer & Institutional	12,314	15,411	-20.1	92,780	110,333	-15.9						
All Other Uses	46,311	46,555	-0.5	365,839 R	362,420	0.9						
*STYRENE BASED LATEXES, TOTAL**	103,744	103,307	0.4	730,650	745,280	-2.0	98,532	95,411	3.3	687,847	702,111	-2.0
Carpet Backing	40,126	40,723	-1.5	271,364	281,535	-3.6						
All Other Uses	63,618	62,584	1.7	459,286	463,745	-1.0						
NYLON RESINS, TOTAL(6)	61,725	51,482	19.9	428,024	382,704	11.8	N/A	N/A		N/A	N/A	
Imports, Total							N/A	N/A		N/A	N/A	
Exports, Total	6,927	6,514	6.3	59,485	49,382	20.5						
Domestic, Total **	54,798	44,968	21.9	368,539	333,322	10.6	47,784	48,301	-1.1	370,429	386,639	-4.2
Injection Molding Grade	33,690	26,202	28.6	222,623	195,892	13.6						
Extrusion Grade	16,220	15,297	6.0	111,850	106,472	5.1						
Resellers & Compounders	3,264	2,710	20.4	24,177	23,864	1.3						
All Other Uses	1,624	759	114.0	9,889	7,094	39.4						
Nylon End-Uses, Total	54,798	44,968	21.9	368,539	333,322	10.6						
Automotive and Truck	19,046	15,517	22.7	128,721	112,646	14.3						
Electrical and Electronic	6,159	5,338	15.4	40,782	40,305	1.2						
Appliances	1,676	1,409	18.9	11,964	9,522	25.6						
Film and Coating	6,858	7,432	-7.7	50,195	51,970	-3.4						
Wire and Cable	3,663	3,252	12.6	22,553	22,999	-1.9						
Monofilament	1,809	1,884	-4.0	15,187	14,740	3.0						
Consumer	3,670	2,109	74.0	20,428	14,153	44.3						
Industrial/Machinery	4,694	4,115	14.1	31,746	29,858	6.3						
All Other End-Uses	7,223	3,912	84.6	46,963	37,129	26.5						

* - Styrene Based Latexes Sales include some Canadian produced material.
** - 1991 Domestic Sales Include Sales to Canada.
D2 = Disclosure: Included in All Other Uses.
R = Revision

R = Revision
N/A = Not Available.
(6) - Includes sales from imports.

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	AUGUST			*YEAR-TO-DATE*			*AUGUST*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (DRY RESIN CONTENT)	837,088	802,558	4.3	6,109,293	6,134,197	-0.4	793,185	774,412	2.4	5,945,844	6,052,751	-1.8
Homopolymer Resins, Including Blending & Latex	774,858	742,329	4.4	5,647,018	5,668,856	-0.4	731,077	713,458	2.5	5,457,552	5,574,666	-2.1
Copolymer Resins, Including Blending & Latex	15,500	14,848	4.4	118,335	135,702	-12.8	14,783	17,569	-15.9	142,018	135,805	4.6
Dispersion Resins	46,730	45,381	3.0	343,940	329,639	4.3	47,325	43,385	9.1	346,274	342,280	1.2
Exports, Total	121,112	80,398	50.6	1,046,011	610,072	71.5						
Domestic, Total	715,976	722,160	-0.9	5,063,282	5,524,125	-8.3						
Calendering, Total	92,419	91,411	1.1	671,343 R	673,723	-0.4						
Flooring	18,217	17,705	2.9	135,039 R	148,277	-8.9						
Textile	9,851	7,814	26.1	67,519	69,002	-2.1						
All Other Calendering Uses	64,351	65,892	-2.3	468,785	456,444	2.7						
Coating, Total	32,266	29,163	10.6	210,455	223,678	-5.9						
Flooring	15,454	13,119	17.8	100,838	97,181	3.8						
Textile and Paper Coating	10,112	8,689	16.4	63,619	64,561	-1.5						
Protective Coatings	4,182	4,341	-3.7	27,630	33,375	-17.2						
Adhesives & All Other Coating Uses	2,518	3,014	-16.5	18,368	28,561	-35.7						
Extrusion, Total	482,813	495,449	-2.6	3,442,352	3,779,331	-8.9						
Wire and Cable	33,583	32,705	2.7	227,391	252,488	-9.9						
Film and Sheet, Packaging	23,358	22,593	3.4	182,248	204,761	-11.0						
Film and Sheet, Non-Packaging	4,470	3,523	26.9	32,766	29,080	12.7						
Siding, Siding Acc. & Mobile Home Skirting	82,074	73,718	11.3	572,800	570,922	0.3						
Rigid Pipe and Tubing (except fittings)	290,396	307,216	-5.5	2,058,896	2,323,724	-11.4						
Extruded Windows and Doors	9,704	N/A		70,976	N/A							
All Other Extrusion Uses	39,228	55,694	N/C	297,275	398,356	N/C						
Molding, Total	47,582	46,426	2.5	317,905 R	353,180	-10.0						
Bottles	18,719	19,738	-5.2	132,635 R	153,159	-13.4						
Fittings (Rigid Pipe and Tubing)	22,412	15,722	42.6	137,835	112,361	22.7						
All Other Molding Uses	6,451	10,966	-41.2	47,435	87,660	-45.9						
Paste Processes (except coating), Total	18,085	15,860	14.0	125,129	124,056	0.9						
Plastisol Formulation	10,334	8,428	22.6	69,955	67,369	3.8						
All Other Paste Process Uses	7,751	7,432	4.3	55,174	56,687	-2.7						
Resellers & Compounders	35,872	31,691	13.2	253,554	244,003	3.9						
All Other Uses	6,939	12,160	-42.9	42,544	126,154	-66.3						

N/A – Not Available

N/C = Not Comparable
R = Revision

Compiled By Ernst & Young, Washington DC, for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT

(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	AUGUST			*YEAR-TO-DATE*			*AUGUST*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)												
Exports, Total												
Domestic, Total												
Emulsion Paints												
Adhesives, Caulks and Sealants												
Paper Treating & Paper Coating												
Textile Treating												
Non-Woven Binders												
All Other Uses												
POLYVINYL ALCOHOL, TOTAL (3)												
Exports, Total												
Domestic, Total												
OTHER VINYL RESINS, TOTAL (4)	14,123	17,026	-17.1	117,917	128,880	-8.5	17,891	19,339	-7.5	124,151	145,491	-14.7
Exports, Total	3,595	6,035	-40.4	51,436	45,549	12.9						
Domestic, Total	10,528	10,991	-4.2	66,481	83,331	-20.2						
THERMOPLASTIC POLYESTER, TOTAL (6)	183,263	148,912	23.1	1,402,728 R	1,246,530	12.5	149,002	161,293	-7.6	1,318,840	1,240,212	6.3
Exports, Total	27,588	30,012	-8.1	318,665	243,063	31.1						
PET Bottle Grade Resin, Exports	D	D		D	D							
All Other Exports	D	D		D	D							
Domestic, Total	155,675	118,900	30.9	1,084,063 R	1,003,467	8.0						
Domestic PET	N.R.	N.R.		N.R.	N.R.							
Solid State Phase Resin	D12	D12		D12	D12							
PET Bottle Grades	107,014	78,634	36.1	754,423 R	697,379	8.2						
PET/PBT Resellers & Compounders	N.R.4	N.R.4		N.R.4	N.R.4							
All Other Thermoplastic Polyester	48,661	40,266	20.8	329,640 R	306,088	7.7						

(2) – The publishing of PVAC data has been suspended.

(3) – The publishing of PVOH data has been suspended.

(4) – Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

D12 = Disclosure: Included in All Other Thermoplastic Polyester.

N.R.4 = Not Reported: Included in All Other Thermoplastic Polyester.

R = Revision

N.R. = Not Reported

D = Disclosure

(6) – Includes sales from imports.

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The Society of the
Plastics Industry, Inc.

MonthlyStatisticalReport-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED
July 31, 1991

DATA FOR CALCULATING APPARENT CONSUMPTION OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: October 11, 1991

CRS

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(Millions of pounds, dry weight basis)(1)

JULY 1991

RESIN KIND	JULY				YEAR-TO-DATE			
	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*
EPOXY RESIN, TOTAL	51.5	31.1	1.7	7.7	296.2	224.7	10.3	53.2
POLYESTER (UNSATURATED) RESINS, TOTAL	92.1	89.9	1.1	10.4	625.8	614.8	6.7	56.5
UREA RESINS, TOTAL **	122.0	121.8	1.4	2.5	858.3	859.8 R	10.7	13.6
MELAMINE RESINS, TOTAL **	15.4	15.3	0.4	1.6	117.5	99.3 R	3.6	13.2
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	243.3	246.4	2.8	6.6	1,531.0	1,529.7	19.9	47.5
THERMOSETTING RESINS, TOTAL	524.3	504.5	7.4	28.8	3,428.8	3,328.3 R	51.2	184.0
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	614.8	559.5	22.4	98.9	4,139.5 R	3,408.5 R	104.0	627.9
LINEAR LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	340.3	408.3	59.3	71.8	2,396.5 R	2,420.1 R	389.9	389.6
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL (6)	788.9	734.8	35.4	118.1	5,197.5 R	4,615.7 R	264.1	760.2
POLYPROPYLENE, TOTAL (6)	726.2	585.3	9.1	189.7	4,799.8 R	3,822.9 R	49.1	1,207.5
ABS RESINS, TOTAL ** (ACRYLONITRILE-BUTADIENE-STYRENE)	107.6	93.8	10.1	24.5	595.8 R	626.4 R	49.6	118.8
SAN (STYRENE-ACRYLONITRILE) RESINS, TOTAL	8.6	7.4	0.3	19.6	62.6 R	47.1 R	2.4	69.8
OTHER STYRENICS **	99.6	106.9	0.2	19.0	665.7 R	715.0 R	1.9	130.9
POLYSTYRENE RESINS, TOTAL	467.1	433.7	6.2	32.8	2,807.6 R	2,667.6 R	26.4	206.2
NYLON RESINS, TOTAL (6)	46.7	48.4	7.4	14.0	322.7	313.7	41.6	99.4
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	804.4	696	6.8	138.6	5,152.6	4,347.3	46.1	873.3
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (4)								
POLYVINYL ALCOHOL, TOTAL (4)								
OTHER VINYL RESINS	11.6	7.2	N/A	N/A	106.3	56.0	N/A	N/A
THERMOPLASTIC POLYESTER, TOTAL (6)	170.0	149.4	4.9	36.8	1,169.8	899.1	46.9	333.2
THERMOPLASTIC RESINS, TOTAL	4,185.9	3,830.7	162.1	763.8	27,416.3 R	23,939.5 R	1,022.0	4,816.8
GRAND TOTAL	4,710.1	4,335.2	169.5	792.6	30,845.1 R	27,267.8 R	1,073.2	5,000.8

(1) = Except phenolic resins which are reported on a gross weight basis.

(4) = The publishing of PVOH and PVAC data is temporarily suspended.

* Except for Epoxy Resin, Bureau of Census exports will differ from exports published in the SPI Monthly Statistical Report.

** = Domestic Sales include Exports.

(6) = Data Includes Sales from Imports.

Monthly and Year-To-Date totals may not agree due to government revisions and rounding.

N/A = Not Available

R = Revision

Sources:
Sales and Production – SPI Monthly Statistical Report
Imports – Bureau of the Census (IM 146)
Exports – Bureau of the Census (EM 545)

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	AUGUST			*YEAR-TO-DATE*			*AUGUST*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
POLYSTYRENE RESINS, TOTAL	454,427	466,627	-2.6	3,272,154	3,470,442	-5.7	448,876	425,645	5.5	3,256,446	3,361,506	-3.1
Crystal (Solid) Polystyrene	178,067	253,170	N/C	1,294,349 R	1,866,016	N/C	164,696	170,818	-3.6	1,258,720	1,325,805	-5.1
Rubber Modified Polystyrene	214,849	213,457	0.7	1,516,227	1,604,426	-5.5	219,540	193,659	13.4	1,547,727	1,558,457	-0.7
Expandable Polystyrene	61,511	D13		461,578 R	D13		64,640	61,168	5.7	449,999	477,244	-5.7
Exports, Total	22,198	19,202	15.6	172,314	116,118	48.4						
Crystal (Solid) Polystyrene	5,882	10,813	N/C	54,299	63,807	N/C						
Rubber Modified Polystyrene	10,404	8,389	24.0	73,597	52,311	40.7						
Expandable Polystyrene	5,912	D13		44,418	D13							
Domestic, Total	432,229	447,425	-3.4	3,099,840	3,354,324	-7.6						
Molding	154,709	159,829	-3.2	1,094,232 R	1,166,368	-6.2						
Extrusion	206,648	218,977	-5.6	1,481,637 R	1,629,593	-9.1						
Expandable Polystyrene	55,599	56,973	-2.4	417,160 R	458,430	-9.0						
Block	23,816	25,217	-5.6	164,477 R	177,340	-7.3						
Shape	10,641	11,797	-9.8	92,190 R	101,460	-9.1						
Loose Fill	D6	D6		D6	D6							
Other EPS	21,142	19,959	5.9	160,493 R	179,630	-10.7						
All Other Uses	15,273	11,646	31.1	106,811	99,933	6.9						
Polystyrene End-Uses, Total	432,229	447,425	-3.4	3,099,840	3,354,324	-7.6						
Packaging & One Time Use	166,501	175,464	-5.1	1,196,846 R	1,326,830	-9.8						
Consumer & Institutional Products	49,168	54,162	-9.2	344,307 R	374,453	-8.1						
Electrical/Electronics	64,261	60,526	6.2	447,228 R	457,454	-2.2						
Furniture,Furnishings,Bldg. & Construction	22,209	26,636	-16.6	163,746 R	191,371	-14.4						
Expandable Polystyrene	55,599	56,973	-2.4	417,160 R	458,430	-9.0						
Resellers and Compounders	66,640	60,856	9.5	453,758 R	436,647	3.9						
All Other End-Uses	7,851	12,808	-38.7	76,795 R	109,139	-29.6						

D6 = Disclosure: Included in Other EPS
D13 = Disclosure: Included in Crystal (Solid) Polystyrene

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N/C - Not Comparable

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MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	AUGUST			*YEAR-TO-DATE*			*AUGUST*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
ABS (ACRYLONITRILE-BUTADIENE-STYRENE), TOTAL	98,663	104,347	-5.4	725,066	799,278	-9.3	92,484	91,629	0.9	688,238	778,557	-11.6
SAN (STYRENE-ACRYLONITRILE), TOTAL	9,426	12,968	-27.3	77,565	90,378	-14.2	7,530	13,634	-44.8	70,086	89,139	-21.4
Total Exports	1,977	4,739	-58.3	22,983	33,271	-30.9						
Total Domestic	7,449	8,229	-9.5	54,582	57,107	-4.4						
OTHER STYRENICS (40% OR MORE STYRENE), TOTAL	13,041	13,146	-0.8	101 181 R	103,884	-2.6	12,031	11,321	6.3	88,408 R	96,055	-8.0
ABS, SAN, & OTHER STYRENICS, TOTAL	121,130	130,461	-7.2	903,812 R	993,540	-9.0	112,045	116,584	-3.9	846,732 R	963,751	-12.1
Total Exports	15,608	21,486	-27.4	143,979	155,846	-7.6						
Total Domestic	105,522	108,975	-3.2	759,833 R	837,694	-9.3						
Electrical/Electronics	D2	D2		D2	D2							
Building & Construction	12,071	13,357	-9.6	73,971	103,162	-28.3						
Transportation	34,826	33,652	3.5	227,243	261,779	-13.2						
Consumer & Institutional	12,314	15,411	-20.1	92,780	110,333	-15.9						
All Other Uses	46,311	46,555	-0.5	365,839 R	362,420	0.9						
*STYRENE BASED LATEXES, TOTAL**	103,744	103,307	0.4	730,650	745,280	-2.0	98,532	95,411	3.3	687,847	702,111	-2.0
Carpet Backing	40,126	40,723	-1.5	271,364	281,535	-3.6						
All Other Uses	63,618	62,584	1.7	459,286	463,745	-1.0						
NYLON RESINS, TOTAL(6)	61,725	51,482	19.9	428,024	382,704	11.8	N/A	N/A		N/A	N/A	
Imports, Total							N/A	N/A		N/A	N/A	
Exports, Total	6,927	6,514	6.3	59,485	49,382	20.5						
Domestic, Total **	54,798	44,968	21.9	368,539	333,322	10.6	47,784	48,301	-1.1	370,429	386,639	-4.2
Injection Molding Grade	33,690	26,202	28.6	222,623	195,892	13.6						
Extrusion Grade	16,220	15,297	6.0	111,850	106,472	5.1						
Resellers & Compounders	3,264	2,710	20.4	24,177	23,864	1.3						
All Other Uses	1,624	759	114.0	9,889	7,094	39.4						
Nylon End-Uses, Total	54,798	44,968	21.9	368,539	333,322	10.6						
Automotive and Truck	19,046	15,517	22.7	128,721	112,646	14.3						
Electrical and Electronic	6,159	5,338	15.4	40,782	40,305	1.2						
Appliances	1,676	1,409	18.9	11,964	9,522	25.6						
Film and Coating	6,858	7,432	-7.7	50,195	51,970	-3.4						
Wire and Cable	3,663	3,252	12.6	22,553	22,999	-1.9						
Monofilament	1,809	1,884	-4.0	15,187	14,740	3.0						
Consumer	3,670	2,109	74.0	20,428	14,153	44.3						
Industrial/Machinery	4,694	4,115	14.1	31,746	29,858	6.3						
All Other End-Uses	7,223	3,912	84.6	46,963	37,129	26.5						

*** - Styrene Based Latexes Sales include some Canadian produced material.**
**** - 1991 Domestic Sales Include Sales to Canada.**
D2 = Disclosure: Included in All Other Uses.
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MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (DRY RESIN CONTENT)	837,088	802,558	4.3	6,109,293	6,134,197	-0.4	793,185	774,412	2.4	5,945,844	6,052,751	-1.8
Homopolymer Resins, Including Blending & Latex	774,858	742,329	4.4	5,647,018	5,668,856	-0.4	731,077	713,458	2.5	5,457,552	5,574,666	-2.1
Copolymer Resins, Including Blending & Latex	15,500	14,848	4.4	118,335	135,702	-12.8	14,783	17,569	-15.9	142,018	135,805	4.6
Dispersion Resins	46,730	45,381	3.0	343,940	329,639	4.3	47,325	43,385	9.1	346,274	342,280	1.2
Exports, Total	121,112	80,398	50.6	1,046,011	610,072	71.5						
Domestic, Total	715,976	722,160	-0.9	5,063,282	5,524,125	-8.3						
Calendering, Total	92,419	91,411	1.1	671,343 R	673,723	-0.4						
Flooring	18,217	17,705	2.9	135,039 R	148,277	-8.9						
Textile	9,851	7,814	26.1	67,519	69,002	-2.1						
All Other Calendering Uses	64,351	65,892	-2.3	468,785	456,444	2.7						
Coating, Total	32,266	29,163	10.6	210,455	223,678	-5.9						
Flooring	15,454	13,119	17.8	100,838	97,181	3.8						
Textile and Paper Coating	10,112	8,689	16.4	63,619	64,561	-1.5						
Protective Coatings	4,182	4,341	-3.7	27,630	33,375	-17.2						
Adhesives & All Other Coating Uses	2,518	3,014	-16.5	18,368	28,561	-35.7						
Extrusion, Total	482,813	495,449	-2.6	3,442,352	3,779,331	-8.9						
Wire and Cable	33,583	32,705	2.7	227,391	252,488	-9.9						
Film and Sheet, Packaging	23,358	22,593	3.4	182,248	204,761	-11.0						
Film and Sheet, Non-Packaging	4,470	3,523	26.9	32,766	29,080	12.7						
Siding, Siding Acc. & Moble Home Skirting	82,074	73,718	11.3	572,800	570,922	0.3						
Rigid Pipe and Tubing (except fittings)	290,396	307,216	-5.5	2,058,896	2,323,724	-11.4						
Extruded Windows and Doors	9,704	N/A		70,976	N/A							
All Other Extrusion Uses	39,228	55,694	N/C	297,275	398,356	N/C						
Molding, Total	47,582	46,426	2.5	317,905 R	353,180	-10.0						
Bottles	18,719	19,738	-5.2	132,635 R	153,159	-13.4						
Fittings (Rigid Pipe and Tubing)	22,412	15,722	42.6	137,835	112,361	22.7						
All Other Molding Uses	6,451	10,966	-41.2	47,435	87,660	-45.9						
Paste Processes (except coating), Total	18,085	15,860	14.0	125,129	124,056	0.9						
Plastisol Formulation	10,334	8,428	22.6	69,955	67,369	3.8						
All Other Paste Process Uses	7,751	7,432	4.3	55,174	56,687	-2.7						
Resellers & Compounders	35,872	31,691	13.2	253,554	244,003	3.9						
All Other Uses	6,939	12,160	-42.9	42,544	126,154	-66.3						

N/A - Not Available

N/C = Not Comparable
R = Revision

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	*SALES & CAPTIVE USE*						*PRODUCTION*					
	AUGUST			*YEAR-TO-DATE*			*AUGUST*			*YEAR-TO-DATE*		
	1991	*1990*	*% CHG*	*1991*	*1990*	*%CHG*	*1991*	*1990*	*% CHG*	*1991*	*1990*	*% CHG*
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)												
Exports, Total												
Domestic, Total												
Emulsion Paints												
Adhesives, Caulks and Sealants												
Paper Treating & Paper Coating												
Textile Treating												
Non-Woven Binders												
All Other Uses												
POLYVINYL ALCOHOL, TOTAL (3)												
Exports, Total												
Domestic, Total												
OTHER VINYL RESINS, TOTAL (4)	14,123	17,026	-17.1	117,917	128,880	-8.5	17,891	19,339	-7.5	124,151	145,491	-14.7
Exports, Total	3,595	6,035	-40.4	51,436	45,549	12.9						
Domestic, Total	10,528	10,991	-4.2	66,481	83,331	-20.2						
THERMOPLASTIC POLYESTER, TOTAL (6)	183,263	148,912	23.1	1,402,728 R	1,246,530	12.5	149,002	161,293	-7.6	1,318,840	1,240,212	6.3
Exports, Total	27,588	30,012	-8.1	318,665	243,063	31.1						
PET Bottle Grade Resin, Exports	D	D		D	D							
All Other Exports	D	D		D	D							
Domestic, Total	155,675	118,900	30.9	1,084,063 R	1,003,467	8.0						
Domestic PET	N.R.	N.R.		N.R.	N.R.							
Solid State Phase Resin	D12	D12		D12	D12							
PET Bottle Grades	107,014	78,634	36.1	754,423 R	697,379	8.2						
PET/PBT Resellers & Compounders	N.R.4	N.R.4		N.R.4	N.R.4							
All Other Thermoplastic Polyester	48,661	40,266	20.8	329,640 R	306,088	7.7						

(2) – The publishing of PVAC data has been suspended.

(3) – The publishing of PVOH data has been suspended.

(4) – Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

D12 = Disclosure: Included in All Other Thermoplastic Polyester.

N.R.4 = Not Reported: Included in All Other Thermoplastic Polyester.

R = Revision

N.R. = Not Reported

D = Disclosure

(6) – Includes sales from imports.

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The Society of the
Plastics Industry, Inc.

SPI

MonthlyStatisticalReport-Resins

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FOR THE MONTH AND PERIOD ENDED
July 31, 1991

DATA FOR CALCULATING APPARENT CONSUMPTION OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: October 11, 1991

CRS

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(Millions of pounds, dry weight basis)(1)

JULY 1991

RESIN KIND	JULY				YEAR-TO-DATE			
	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*
EPOXY RESIN, TOTAL	51.5	31.1	1.7	7.7	296.2	224.7	10.3	53.2
POLYESTER (UNSATURATED) RESINS, TOTAL	92.1	89.9	1.1	10.4	625.8	614.8	6.7	56.5
UREA RESINS, TOTAL **	122.0	121.8	1.4	2.5	858.3	859.8 R	10.7	13.6
MELAMINE RESINS, TOTAL **	15.4	15.3	0.4	1.6	117.5	99.3 R	3.6	13.2
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	243.3	246.4	2.8	6.6	1,531.0	1,529.7	19.9	47.5
THERMOSETTING RESINS, TOTAL	524.3	504.5	7.4	28.8	3,428.8	3,328.3 R	51.2	184.0
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	614.8	559.5	22.4	98.9	4,139.5 R	3,408.5 R	104.0	627.9
LINEAR LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	340.3	408.3	59.3	71.8	2,396.5 R	2,420.1 R	389.9	389.6
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL (6)	788.9	734.8	35.4	118.1	5,197.5 R	4,615.7 R	264.1	760.2
POLYPROPYLENE, TOTAL (6)	726.2	585.3	9.1	189.7	4,799.8 R	3,822.9 R	49.1	1,207.5
ABS RESINS, TOTAL ** (ACRYLONITRILE-BUTADIENE-STYRENE)	107.6	93.8	10.1	24.5	595.8 R	626.4 R	49.6	118.8
SAN (STYRENE-ACRYLONITRILE) RESINS, TOTAL	8.6	7.4	0.3	19.6	62.6 R	47.1 R	2.4	69.8
OTHER STYRENICS **	99.6	106.9	0.2	19.0	665.7 R	715.0 R	1.9	130.9
POLYSTYRENE RESINS, TOTAL	467.1	433.7	6.2	32.8	2,807.6 R	2,667.6 R	26.4	206.2
NYLON RESINS, TOTAL (6)	46.7	48.4	7.4	14.0	322.7	313.7	41.6	99.4
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	804.4	696	6.8	138.6	5,152.6	4,347.3	46.1	873.3
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (4)								
POLYVINYL ALCOHOL, TOTAL (4)								
OTHER VINYL RESINS	11.6	7.2	N/A	N/A	106.3	56.0	N/A	N/A
THERMOPLASTIC POLYESTER, TOTAL (6)	170.0	149.4	4.9	36.8	1,169.8	899.1	46.9	333.2
THERMOPLASTIC RESINS, TOTAL	4,185.9	3,830.7	162.1	763.8	27,416.3 R	23,939.5 R	1,022.0	4,816.8
GRAND TOTAL	4,710.1	4,335.2	169.5	792.6	30,845.1 R	27,267.8 R	1,073.2	5,000.8

(1) = Except phenolic resins which are reported on a gross weight basis.

(4) = The publishing of PVOH and PVAC data is temporarily suspended.

* Except for Epoxy Resin, Bureau of Census exports will differ from exports published in the SPI Monthly Statistical Report.

** = Domestic Sales include Exports.

(6) = Data Includes Sales from Imports.

Monthly and Year-To-Date totals may not agree due to government revisions and rounding.

N/A = Not Available

R = Revision

Sources:
Sales and Production – SPI Monthly Statistical Report
Imports – Bureau of the Census (IM 146)
Exports – Bureau of the Census (EM 545)

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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